Name:
-------

**Enrolment No:** 



UNIVERSITY WITH A PURPOSE

## UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

#### End Semester Examination, July 2020

**Course:** Programming with Python **Program: B.Tech + CSE (IT) Course Code: CSAI1001**  Semester: IV Time Max. Marks:

**Instructions:** 

	<b>as: CSAI1001 - Programming with Python</b> ets you add, edit and reorder questions, as well as review a test. <u>More Help</u>	
	Question Se	əttir
	or change the point values of test questions on this page. If necessary, test attempts will b bill bill bill bill bill bill bi	е
Description	All questions are compulsory.	
	Each questions carry equal marks.	
	Backtracking is prohibited.	
	Multiple attempts are not allowed.	
	Time duration is 2 hours.	
Instructions	All questions are compulsory.	
	Each questions carry equal marks.	
	Backtracking is prohibited.	
	Multiple attempts are not allowed.	
	Time duration is 2 hours.	
Total Questions	60	
Total Points	60	
Number of Attemp	its 37	

Update and Regrade

Delete and Regrade

0, 8:06 AM

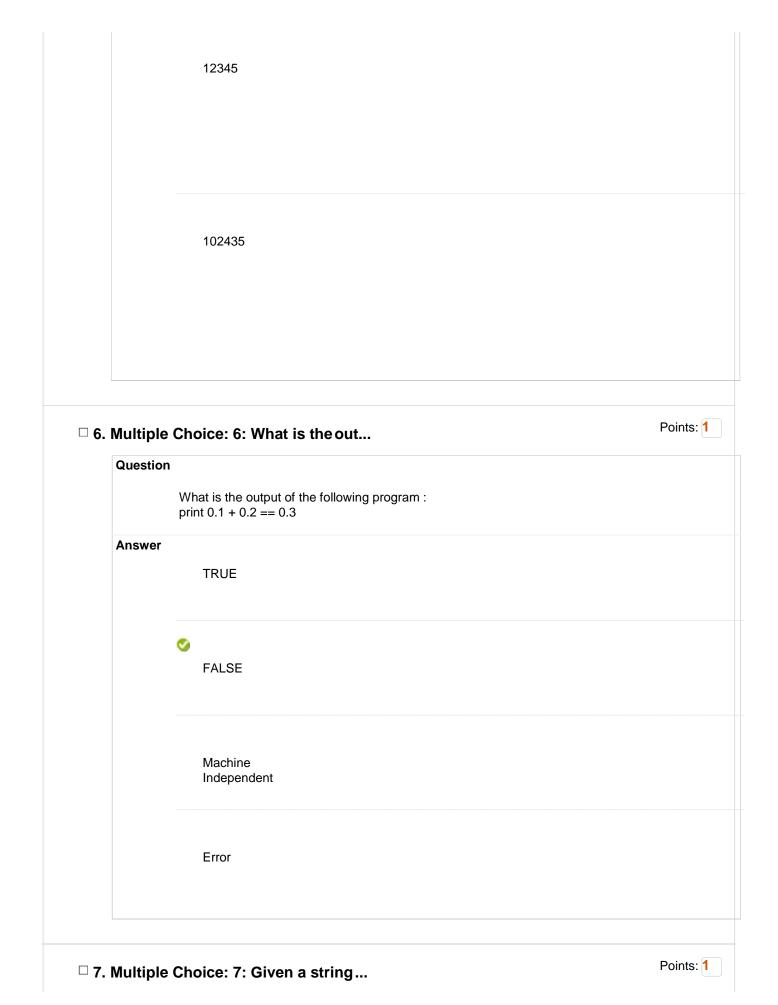
Points

← OK

Question	What will be the output of the following code : print type(type(int))	
Answer		
	type 'int'	
	<b>S</b>	
	type 'type'	
	error	
	0	
Multiple Ch	noice: 2: What is the out	Poin
Multiple Ch Question	noice: 2: What is the out	Poin
Question W y = z =	hoice: 2: What is the out /hat is the output of the following program : = 8 = lambda x : x * y rint z(6)	Poin
Question W y = z =	/hat is the output of the following program : = 8 = lambda x : x * y	Poin
Question W y = z = pr	/hat is the output of the following program : = 8 = lambda x : x * y	Poin
Question W y = z = pr	/hat is the output of the following program : = 8 = lambda x : x * y int z(6)	Poir
Question W y = z = pr	/hat is the output of the following program : = 8 = lambda x : x * y int z(6)	Poin
Question W y = z = pr	/hat is the output of the following program : = 8 = lambda x : x * y int z(6)	Poin

Which function overloads the >> operator?	perator?	Question
nswer	perator?	
	L	Which function overloads the >> operator?
		Answer more()
gt()		
		more()
		more()
ge()		more()
900		more() gt()
		more() gt()
		more() gt()
		more() gt() ge()
		more() gt() ge()
⊘		more() gt() ge()
0		more() gt() ge()
	gt()	Answe

Question		
	Which operator is overloaded by the or() function?	
Answer		
	II	
	S	
	·	
	//	
	/	
🗆 5. Multiple	Choice: 5: What is the out	Points: 1
Question	 	
	What is the autout of the following are seen a	
	What is the output of the following program : $i = 0$	
	while i < 3:	
	print i i++	
	print i+1	
Answer		
AllSwei	S	
	Error	
	21324	
	21324	
	21324	
	21324	
	21324	
	21324	



	Given a string s = "Welcome", which of the following code is incorrect?	
Answer		
	print s[0]	
	print s.lower()	
	S	
	s[1] = 'r'	
	print s.strip()	
Multiple Questior		Points
Questior		Points
	1	Points
Questior	To start Python from the command prompt, use the command execute	Points
Questior	To start Python from the command prompt, use the command	Points
Questior	To start Python from the command prompt, use the command execute	Points
Questior	To start Python from the command prompt, use the command execute	Points
Questior	To start Python from the command prompt, use the command execute python	Points
Questior	To start Python from the command prompt, use the command execute python	Points
Questior	To start Python from the command prompt, use the command execute python	Points
Questior	To start Python from the command prompt, use the command execute python	Points
Questior	To start Python from the command prompt, use the command execute python python go python run	Points
Questior	To start Python from the command prompt, use the command execute python python go python	Points
Questior	To start Python from the command prompt, use the command execute python python go python run	Points

	on	
	Which of the following is correct about Python?	
Answer	r It supports automatic garbage collection.	
	It can be easily integrated with C, C++, COM, ActiveX, CORBA, and Java	
	Soth of the above	
	None of the above	
). Multipl	ole Choice: 10: What data type	Points: 1
Question	what data type is the object below ? L = [1, 23, 'hello', 1]	

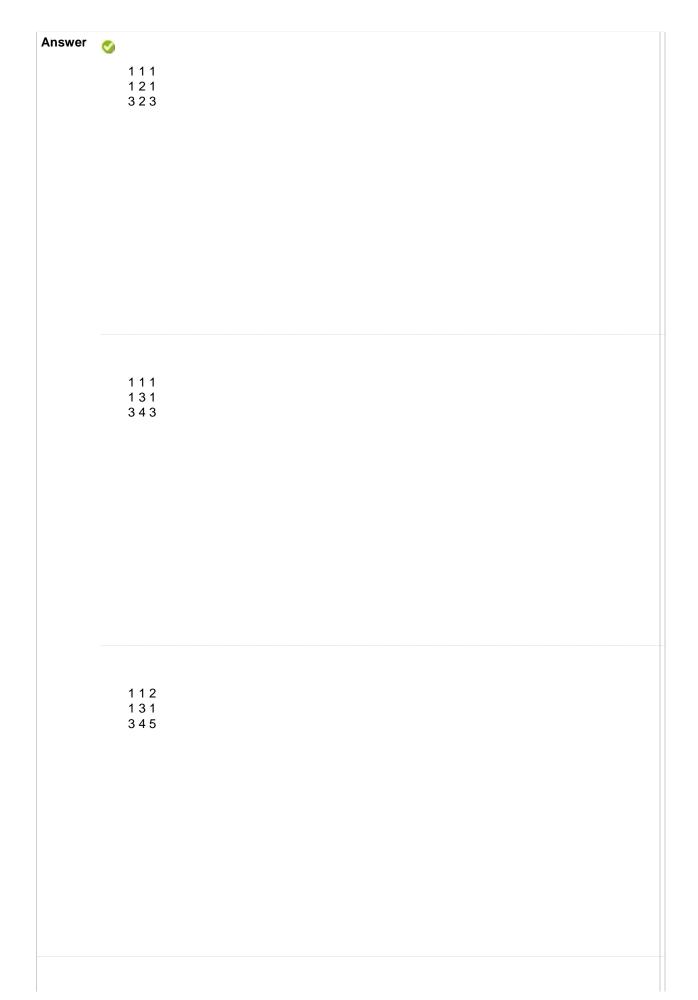
	Dictionary	
	So List	
	Tuple	
	Array	
□ 11. Mult	ple Choice: 11: Which of thefo	Points:
Quest		
Answe	Which of the following function convert a string to a float in python?	
	int(x [,base])	
	long(x [,base] )	
	str(x)	
	Solution float(x)	
□ 12. Mult	ple Choice: 12: Which of the fo	Points:

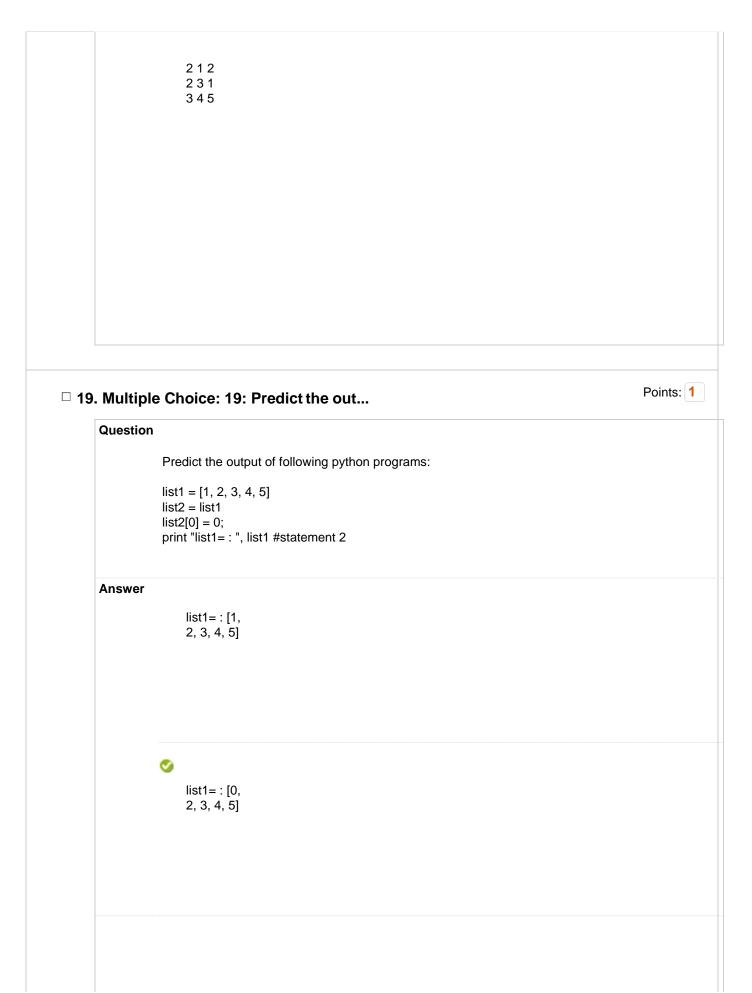
Question	
	<ul><li>Which of the following statement(s) is TRUE?</li><li>1. A hash function takes a message of arbitrary length and generates a fixed length code.</li><li>2. A hash function takes a message of fixed length and generates a code of variable length.</li><li>3. A hash function may give the same hash value for distinct messages.</li></ul>
Answer	l only
	II and III only
	✓ I and III only
	ll only
	e Choice: 13: What is the out Points:
Question	What is the output of the following program : def myfunc(a): a = a + 2 a = a * 2 return a
	I Gluin a

Answer	8	
	16	
	Runtime Error	
	✓ Identation Error	
	le Choice: 14: Predict the out	Points: 1
	le Choice: 14: Predict the out	Points: 1
14. Multip		Points: 1

Answer	12	
	S 24	
	36	
	54	
□ 15. Multipl	e Choice: 15: Predict the out	Points: 1
Question		
	Predict the output of following python programs: count = 1 def doThis(): global count for i in (1, 2, 3): count += 1 doThis() print count	
Answer	3	
	S 4	
	2	
	1	
□ 16. Multipl	e Choice: 16: Predict the out	Points: 1
Question		
	Predict the output of following python programs: for i in range(1,2): print i for i in range(4,6):	
	print i	

	S 12456	
	None of the above	
□ 17. Multipl	e Choice: 17: Predict the out	Points:
Question		
	Predict the output of following python programs:	
	nameList = ['Harsh', 'Pratik', 'Bob', 'Dhruv'] print nameList[1][-1]	
Answer	b	
	v	
	S k	
	h	
□ 18. Multipl	e Choice: 18: Predict the out	Points:
Question		
	Predict the output of following python programs:	
	class A(object): val = 1	
	class B(A): pass	
	class C(A): pass	
	print A.val, B.val, C.val B.val = 2	
	print A.val, B.val, C.val A.val = 3	
	print A.val, B.val, C.val	

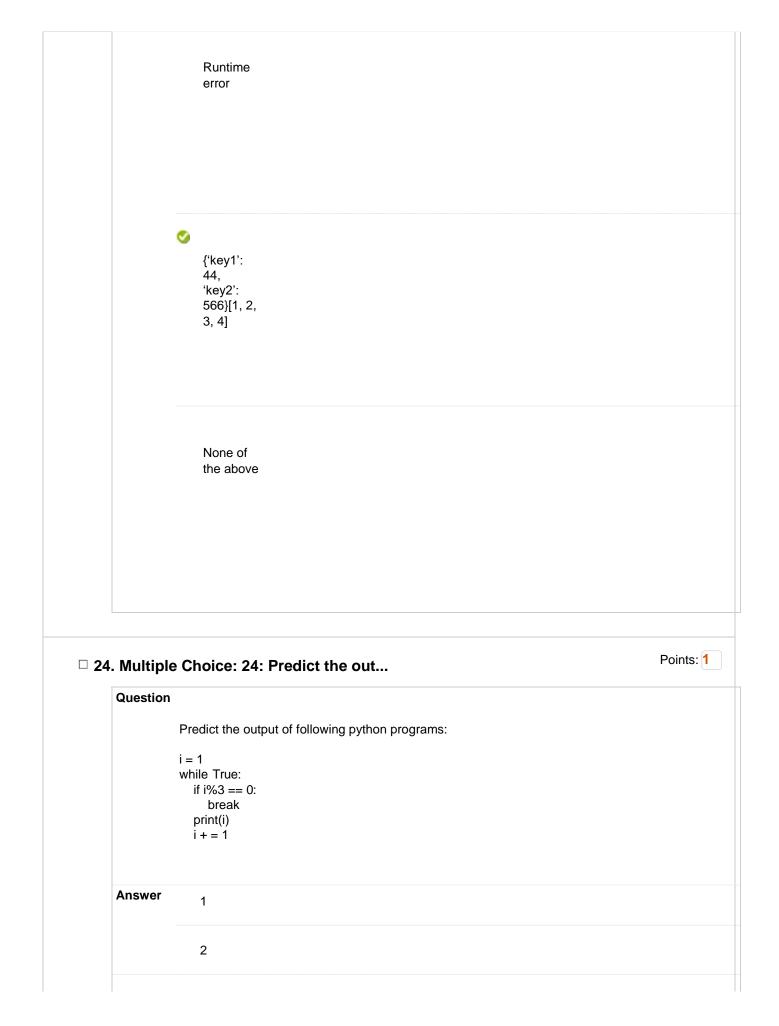






	✓ No Output	
	Error	
□ 21. Multip	e Choice: 21: Predict the out	Points:
QUESTION	Predict the output of following python programs: list = ['a', 'b', 'c', 'd', 'e'] print list[10:]	
Answer	e edcba	
	<ul> <li>I</li> <li>None of the above</li> </ul>	
	e Choice: 22: Predict the out	Points:
Question	Predict the output of following python programs: dictionary1 = {'GFG' : 1, 'Google' : 2, 'GFG' : 3 } print(dictionary1['GFG']);	

Answer	Compilation error due to duplicate keys	
	Runtime time error due to duplicate keys	
0	3	
	•	
3. Multiple C	hoice: 23: Predict the out	Points: 1
3. Multiple C	hoice: 23: Predict the out	Points: 1
Question Pr tel tel	<pre>choice: 23: Predict the out redict the output of following python programs: mp = dict() mp['key1'] = {'key1' : 44, 'key2' : 566} mp['key2'] = [1, 2, 3, 4] r (key, values) in temp.items(): print(values, end = "")</pre>	Points: 1
Question Pr tel tel	redict the output of following python programs: mp = dict() mpl'kev1'] = {'kev1' : 44. 'kev2' : 566}	Points: 1



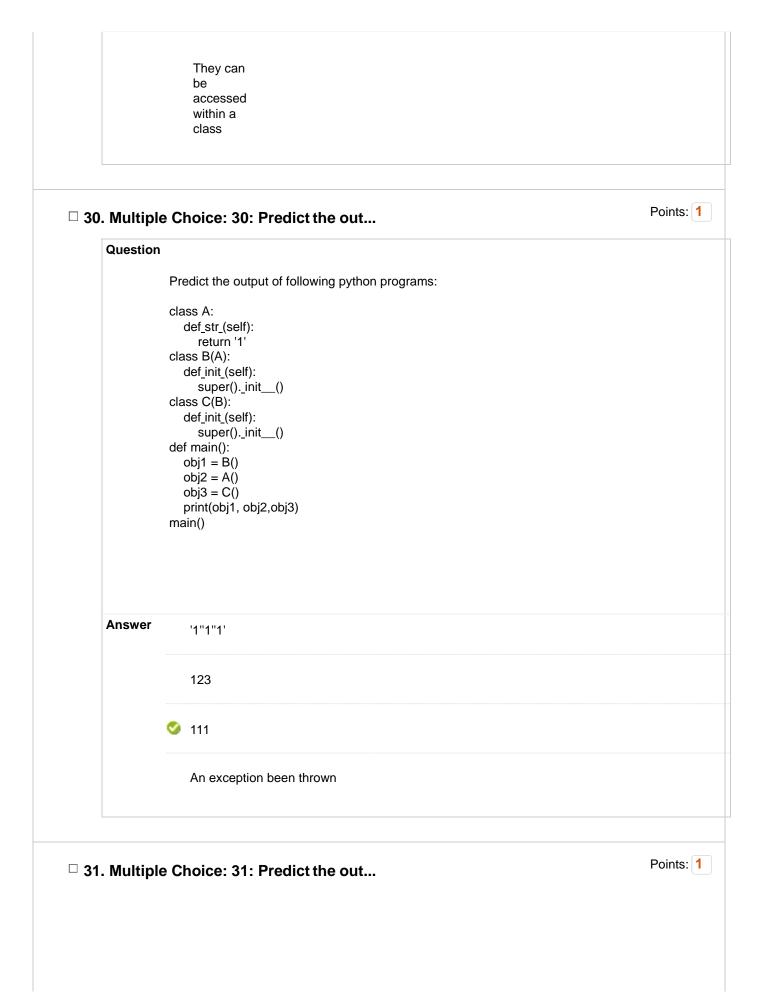
25 Multi	ple Choice: 25: Predict the out	Point
Quest		
	Predict the output of following python programs:	
	<pre>import threading class thread(threading.Thread):</pre>	
Answe	er	
	Runtime error	
	Compilation	
	error	

	✓ 100	
	None of the above	
□ 26. Multir	ble Choice: 26: Predict the out	Points: 1
Questic		
	Predict the output of following python programs: import string Line1 = "And Then There Were None" Line2 = "Famous In Love" Line3 = "Famous Were The Kol And Klaus"	
	Line3 = 1 amous were the Kor And Klaus Line4 = Line1 + Line2 + Line3 print(string.find(Line1, 'Were'), string.count((Line4), 'And'))	

True 1
<b>(</b> 15, 2)
True 2
(15, 4)

Question		
	Which of the following statements is true?	
Answer		
	If any exception is thrown in try block, else block is executed	
	When there is a deviation from the rules of a programming language, a semantic error is thrown	
	All raised standard exceptions must be handled in Python	
	C The standard exceptions are automatically imported into Python programs	
. Multiple	Choice: 28:	Point

	exceptions are raised as a result of an error in opening a file.
Answer	Ø
	IOError
	ImportError
	TypeError
	ValueError
). Multip	le Choice: 29: Which of the fo F
	n
Question	n Which of the following is false about protected class members? They begin
Question	n Which of the following is false about protected class members? They begin with one
Question	n Which of the following is false about protected class members? They begin
Question	n Which of the following is false about protected class members? They begin with one
Question	n Which of the following is false about protected class members? They begin with one underscore They can
Question	n Which of the following is false about protected class members? They begin with one underscore They can be accessed
Question	n Which of the following is false about protected class members? They begin with one underscore They can be accessed by name
Question	n Which of the following is false about protected class members? They begin with one underscore They can be accessed
Question	<ul> <li>Which of the following is false about protected class members?</li> <li>They begin with one underscore</li> <li>They can be accessed by name mangling method</li> </ul>
Question	Me Choice. 23. Which of the following is false about protected class members? They begin with one underscore They can be accessed by name mangling method They can be
Question	Multiply of the following is false about protected class members?  They begin with one underscore  They can be accessed by name mangling method  They can



Questio	'n	
	Predict the output of following python programs:	
	class A: def_init_(self): self.multiply(15) print(self.i) def multiply(self, i): self.i = 4 * i; class B(A): def_init_(self): super()init() def multiply(self, i):	
	self.i = 2 * i; obj = B()	
Answer	15	
	S 30	
	60	
	An exception been thrown	
. Multip	ble Choice: 32: Which of the fo	Points: 1
Questio		
Answer	Which of the following statements is true?	
Answer	-	

A non- private method in a superclass can be overridden	
A subclass method can be overridden by the superclass	

# □ 33. Multiple Choice: 33: What type of in...

Points: 1

	1
	What type of inheritance is illustrated in the following Python code?
	class A():
	pass
	class B(A):
	pass
	class C(B):
	pass
Answer	
	Single-level
	inheritance

	Hierarchical inheritance	
	Multiple inheritance	
0	Multi-level inheritance	
□ 34. Multiple C	hoice: 34: What does singl	Points: 1
Question	hat does single-level inheritance mean?	

	<ul> <li>A single subclass derives from a single superclass</li> </ul>	
	A single superclass inherits from multiple subclasses	
	A subclass derives from a class which in turn derives from another class	
35. Multip	le Choice: 35: Which of the fo	Points: 1
	Which of the following statements isn't true?	
	<b>S</b>	
Answer	The value of a private variable in the superclass can be changed in the subclass	

private method in a superclass can be overridden		
A derived class is a subset of superclass		
When invoking the constructor from a subclass, the constructor of superclass is automatically invoked		

# □ 36. Multiple Choice: 36: Predict the out...

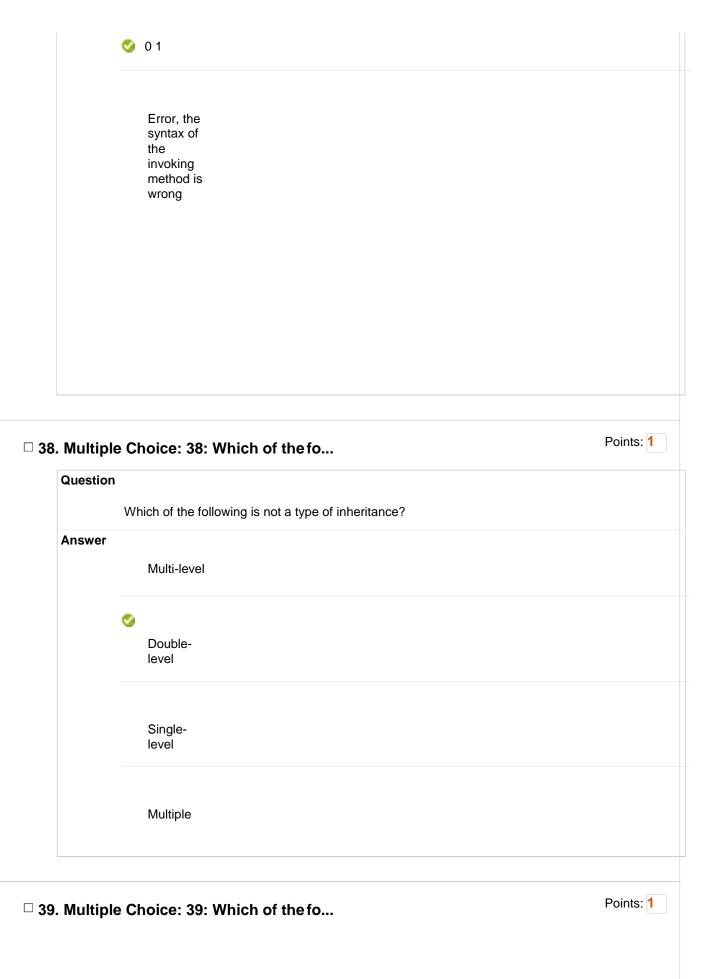
Question

Points: 1

## Predict the output of following python programs: class A: def\_init\_(self,x): self.x = x def count(self,x): self.x = self.x+1 class B(A): def\_init\_\_(self, y=0): A.\_init\_\_(self, 3) self.y = y def count(self): self.y += 1

```
A._Init__(self, s
self.y = y
def count(self):
self.y += 1
def main():
obj = B()
obj.count()
print(obj.x, obj.y)
main()
```

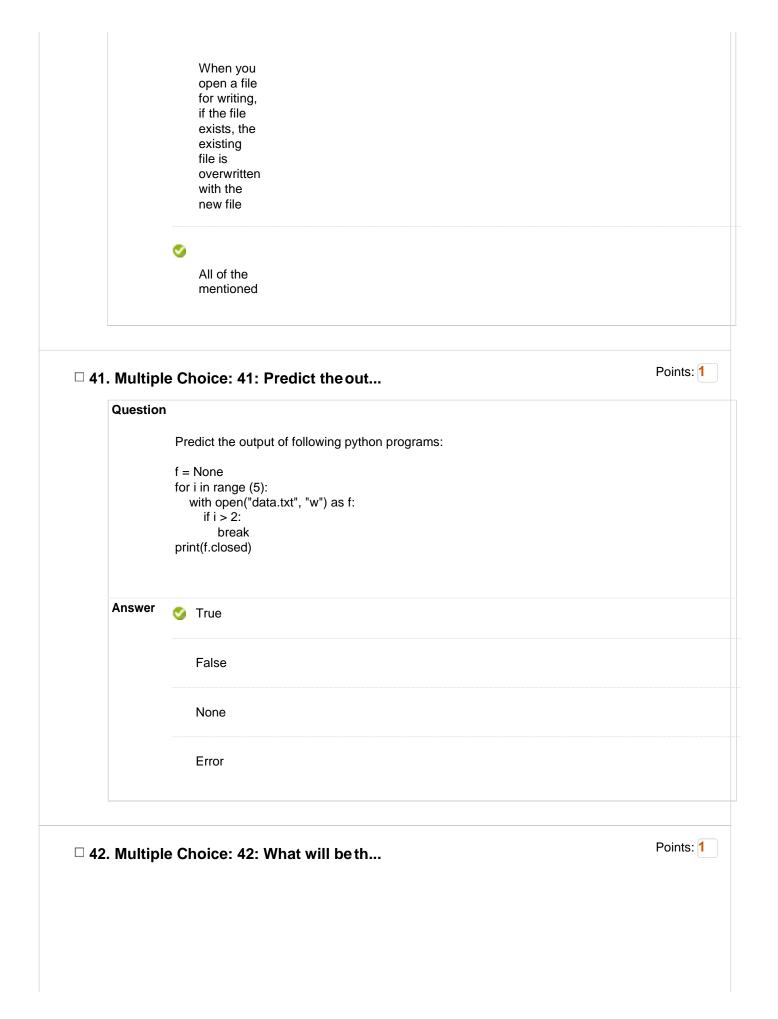
Answer	30	
	S 1	
	0 1	
	An exception is thrown	
		Points: 1
□ 37. Multip	e Choice: 37: Predict the out	
	Predict the output of following python programs: class Test: def_init_(self): self.x = 0 class Derived_Test(Test): def_init_(self): Test_init_(self) self.y = 1 def main(): b = Derived_Test() print(b.x,b.y) main()	
Answer	Error because class B inherits A but variable x isn't inherited	
	0 0	



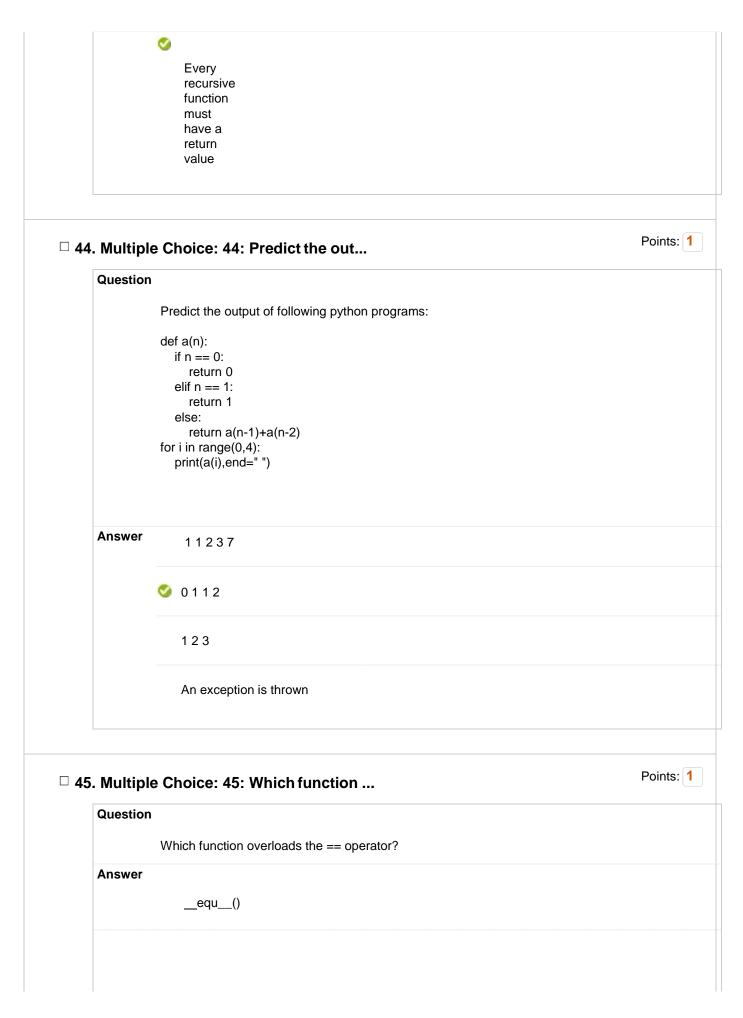
Question		
	Which of the following Python code creates an empty class?	
Answer		
	class A: return	
	class A:	
	•	
	class A: pass	
	It is not	
	possible to create	
	an empty class	
		Points: 1
. Multipl	e Choice: 40: Which of the fo	
Question	Which of the following statements are true?	
Answer		
	When you	
	open a file for reading,	
	if the file	

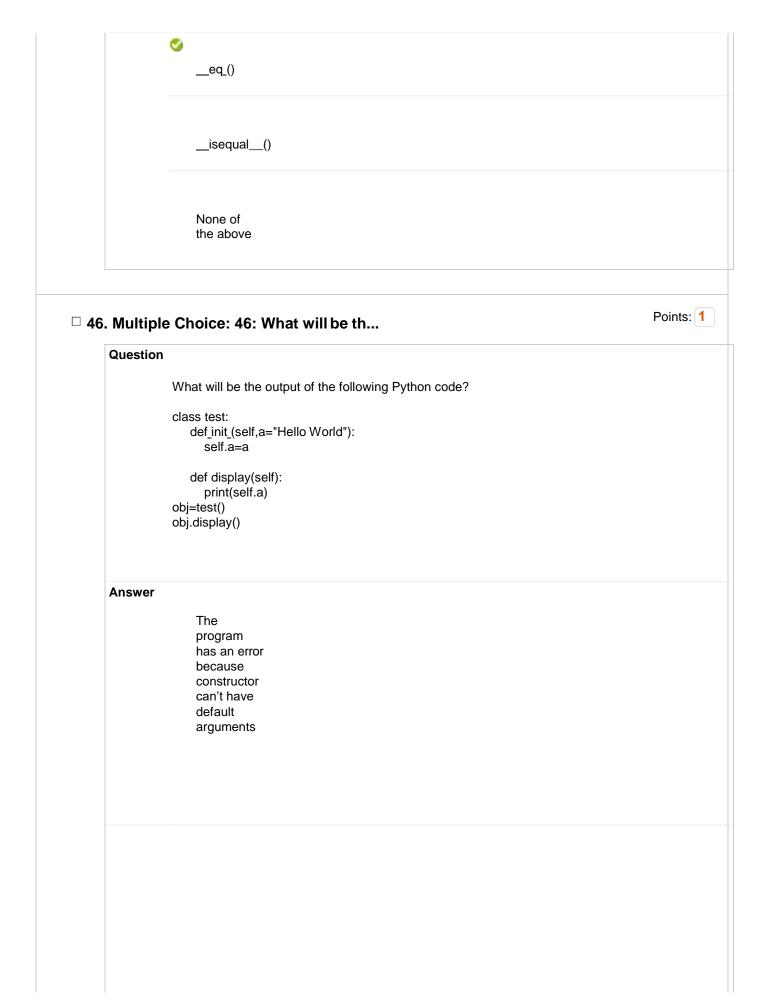
	error occurs	
	When you open a file for writing, if the file does not exist, a new file is createdax	
of 47		

exist, an



	What will be the output of the following Python code?	
	import re re.ASCII	
Answer	8	
	64	
	S 256	
	32	
43. Multiple	e Choice: 43: Which of the fo	Points:
Question		
	Which of the following statements is false about recursion?	
Anower	which of the following statements is faise about recursion:	
Answer	_	
	Every recursive	
	function	
	must have a	
	base case	
	Infinite recursion	
	can occur if	
	can occur if the base	
	can occur if the base case isn't	
	can occur if the base	
	can occur if the base case isn't properly	
	can occur if the base case isn't properly mentioned	
	can occur if the base case isn't properly mentioned A recursive function	
	can occur if the base case isn't properly mentioned	
	can occur if the base case isn't properly mentioned A recursive function makes the	



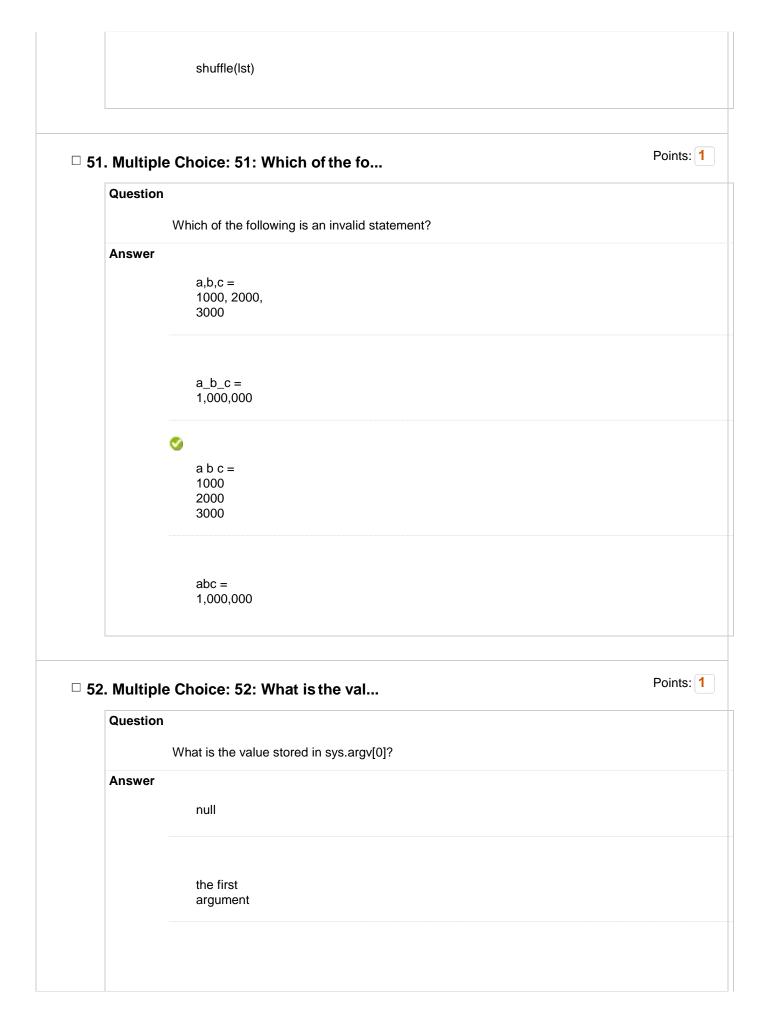


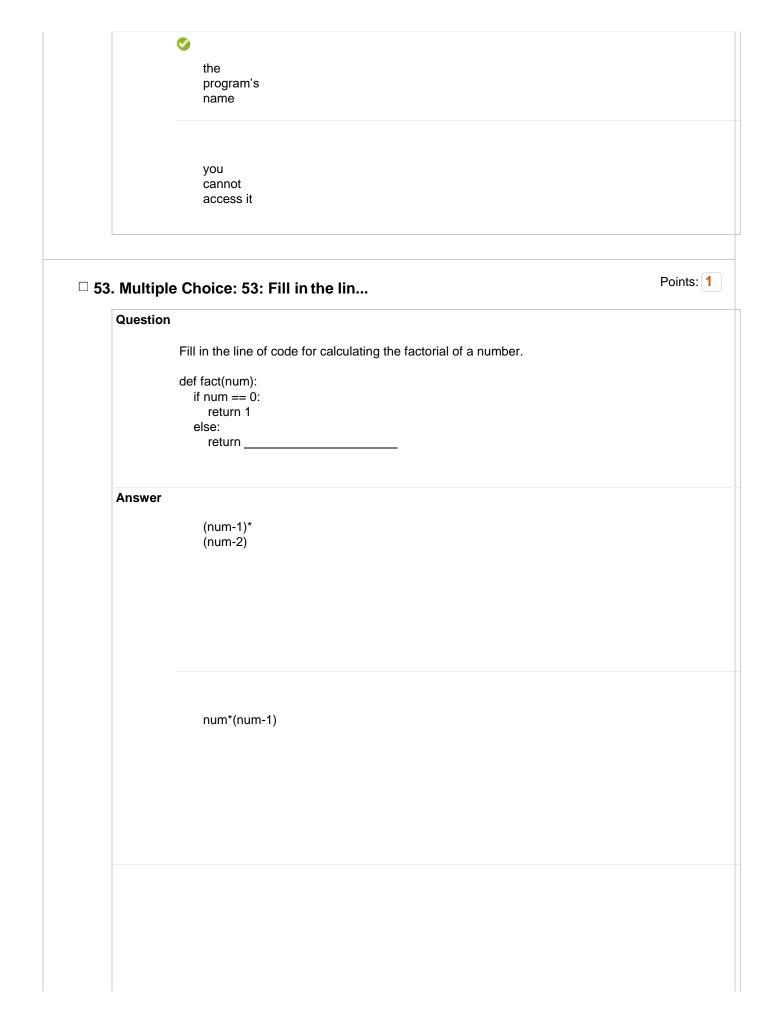
	"Hello World" is displayed	
	Nothing is displayed	
	The program has an error display function doesn't have parameters	
□ 47. Multiple C	choice: 47: What will be th	Points: 1

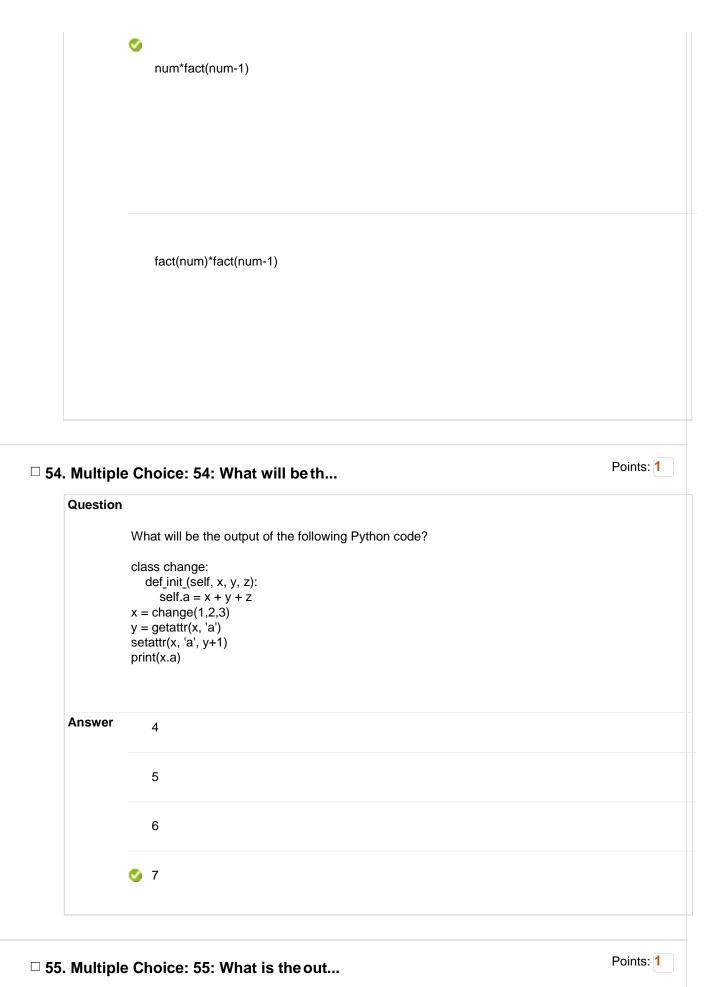
Question	
	What will be the output of the following Python code? class test: definit(self): self.variable = 'Old' self.Change(self.variable) def Change(self, var): var = 'New' obj=test() print(obj.variable)
Answer	Error because function change can't be called in the init function
	'New' is printed

	♥ Old' is printed	
	Nothing is printed	
	le Choice: 48: What will be th	Points: 1
Questio	<pre>M What will be the output of the following Python code? class fruits: def_init_(self, price): self.price = price obj=fruits(50) obj.quantity=10 obj.bags=2 print(obj.quantity+len(objdict_))</pre>	
Answer	S 13	

	60	
□ 49. Multin	le Choice: 49: What will be th	Points:
Questio		
	What will be the output of the following Python code?	
	def foo(): total += 1 return total total = 0 print(foo())	
Answer	1	
	🤡 error	
	0	
	None of the above	
□ 50. Multip	le Choice: 50: In python, whic	Points:
Questio	n	
	In python, which of the following function checks in a string that all characters are digi	its?
	isalnum()	
Answer		
Answer	capitalize()	







	What is the output of the following program?	
	<pre>import threading i = 5 class thread(threading.Thread): def_init_(self, thread_ID, thread_name): threading.Thread_init_(self) self.thread_ID = thread_ID self.thread_name = thread_name def run(self): i = i + 1 print(i) thread1 = thread(100, "GFG ") thread2 = thread(101, "Geeks") thread1.start() thread2.start()</pre>	
Answer	66	
	Compilation error	
	S Runtime error	
		Points:
Multipl	e Choice: 56: What will be th	
Multipl Question		
	What will be the output of the following Python code snippet?	
Question	What will be the output of the following Python code snippet? print([i.lower() for i in "HELLO"])	

	['hello']	
	hello	
57. Mult Quest	ple Choice: 57: What will be th	Points: 1
		Points: 1
	ion What will be the output of the following Python code? d = {"john":40, "peter":45}	Points: 1

	"john"
	"peter"
	45
	S 40
50 Multip	Points: 1
Question	le Choice: 58: What will be th
	What will be the output of the following Python code?
	my_tuple = (1, 2, 3, 4) my_tuple.append( (5, 6, 7) )
	print len(my_tuple)
Answer	print len(my_tuple)
Answer	print len(my_tuple)
Answer	print len(my_tuple) 1
Answer	print len(my_tuple) 1 2
	print len(my_tuple)  1 2 5
	print len(my_tuple)

	d.size()
	_
	size(d)
	d.len()
□ 60. Mu	Itiple Choice: 60: Given a functio
Que	stion
	Given a function that does not return any value, What value is thrown by default when exec shell.
Ans	wer int
	void
	bool
	Sone
Select	All None Select by Type: - Question Type -
Dele	te and Regrade Points Update and Regrade Hide Question Details