

Appendix A

Sample of programs

In the present research work, analysis has been carried out on SEG-Y data. The SEG-Y files were digitized to the amplitude-time data, which served as input to the discussed analytical techniques such as cross-correlation, instantaneous phase and reflection strength. Further, for precise location of faults, analysis of tracking the horizon from either side was used. Effort was also made to determine the extent of fault, by experimenting with matching the characteristic seismic attributes of the tracked horizons on either side of the fault planes. All the above discussed procedures are available with the author of this thesis who can be contacted for any queries/suggestions/further elaborations/descriptions. As, each of the program codes, are about 700 to 1200 lines, they are not being printed in the thesis.