

Solution for Chapter 3

- 3.1 To ensure that the given data are read only once.

- 3.3 A subroutine is called by a program instruction to perform a function needed by the calling program. An interrupt-service routine is initiated by an event such as an input operation or a hardware error. The function it performs may not be at all related to the program being executed at the time of interruption. Hence, it must not affect any of the data or status information relating to that program.