9.1 Introduction of I/O file

➢ When variables and arrays are used to store data in program, it has some problems like data is lost when variable goes out of its scope or when program terminates.

➢ The above problem can be solved by string data on secondary storage. Such as floppy disk or hard disk by using concept of files.

➢ Data stored on files is called ***permanent or persistent*** data.

➢ A file is a collection of related records placed in a particular area on the disk.

➢ A record is composed of several fields and a field as a group of characters.

➢ Characters in java are Unicode characters composed of two bytes each byte containing eight binary digits 1 or 0.

➢ Data storing and data management using files is called as file processing, includes task like creating file, updating files and manipulation of data.