Introduction to File Handling

Java.io:

* The java.io package contains nearly every class you might ever need to perform input and output(I/O) in java
* All these streams represent an input source and an output destination
* Java provides strong but flexible support for I/O related to Files

Java File Handling:

* File handling is an integer part of nearly all programming projects
* Files provides the means by which a program stores data

Streams:

* Stream represent a source ( Which generates the data in the form of Stream ) and a destination ( Which consumes or read data available as Stream)
* Stream supports a huge range of source and destination including disk File, arrays, other devices, other programs etc.

Types of Stream:

Modern versions of java define two types of stream byte and character

Byte Stream:

It provide a convenient means for handling input and output of byte

Character Stream:

Character stream are designed for handling the and output of character

Byte Stream classes:

* BufferedInputStream
* BufferedOutputStream
* ByteArrayInputStream
* ByteArrayOutputStream
* DataInputStream
* DataOutputStream
* FileInputStream
* FileOutputStream
* PrintStream
* RandomAccessFile

Character Stream classes:

* BufferedReader
* BufferedWriter
* CharArrayReader
* CharArrayWriter
* FileReader
* FileWriter
* InputStreamReader
* OutputStreamReader
* PrintWriter
* StringReader
* StringWriter