File file =new File(“abc.txt”): it is used point that particular file it is only get reference of that file. File will not be created.

File.createNewFile(): this function will create new file

File.mkdir(): to create directory(folder)

FileWriter: it is used to write Txt data or character data

* If the specified file is not available it will create file.
* Problems: we have to enter line separator manually

FileReader: to read file data

FileReader read data char by char but not line by line which is not convenient

Bufferedwriter: it used to write data line by line. It can’t communicate with file object or direct path it needs any writer object ex: FileWriter, printwriter

* Don’t need to provide line separate ex: /
* We have to execute newline method for line separate

Bufferedreader: it used to read data line by line it is recommended. It can’t communicate directly with file it needs some reader object

Printwriter: it is powerful writer among three. It should be use.

* Line separator not needed to specify
* We can write any type of data ex txt, string, directly Boolean float value but we cannot write in bufferedwriter and FileWriter
* It can communicate with the file directly or via any writer

File file = **new** File("E:\\Project\\corejava\\test.txt");

BufferedReader br= **new** BufferedReader(**new** FileReader(file));

**char** ch[] = **new** **char**[(**int**) file.length()];

**int** readdata=br.read(ch);

**for**(**char** read: ch)

{

System.***out***.print(read);

}

**while** ( readdata != -1)

{

System.***out***.print((**char**)readdata);

readdata=br.read();

}

Stream

To read binary data we should go for stream

Stream is connection between java program to program

* InputStream: to read data
* OutputStream: to write data

InputStream:

* FileInputStream: to create a connection
* ByteArrayInputStream: to read complete data in terms of array
* FilterInputStream: to make filter
  + DataInputStream: if you want read primitve data
  + BufferedInputStream: it is also used for filter it is fast
* ObjectInputStream: to read object data
* PipedInputSTream
* SequenceInputStream: to read multiple file by sequentially