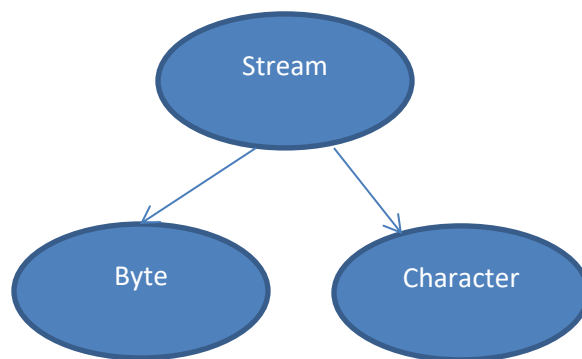# Java - Files system

File handling d]is defines how can we read and read and write data on a file.

Java IO package contains all the classes through which we can perform all input and output operations in the file.

Stream:

Stream is sequence of data

On the basis of java.io package all the classes divided into two streams

File handling methods

1. CanRead() return boolean value
2. CanWrite() return boolean value
3. CreateNewFile()
4. Delete()
5. Exists() tell us file file already available or not!
6. Length() tell file's length
7. getName() file's name
8. getAbsolutePath()   location
9. Mkdir()   create directory
10. List() tell list of files in directory
11. Read()
12. Write()
13. renameTo()

File handling classes

1. File : super class

2. FileReader
3. FileWriter
4. FileInputStream: read data in byte form
5. FileOutputStream : data write in file
6. BufferedInputStream: Buffer is temporary memory,
7. BufferedOutputStream

Basic Operations of files

1. Create a file
2. Get file information
3. Read
4. Write

EXAMPLE

```
import java.io.*;

Class createFile{

public static void main(String[] args){

File f=new File("C:\\Users\\lenovo\\Desktop\\LC.txt");

Try

{

If(f.createNewFile())

{

System.out.println("File successfully created..!");

}

else

{

System.out.println("File already exists..!");

}

}

Catch(IOException t){
```

```java
System.out.println("Exception handled..!");

}
}}
```