Enum:

1. It is a collection of constants
2. Used to represent your own data type.
3. We can’t extend anything because it by default it extends java.io.Enum
4. Constants are first line of Enum
5. We can write constructor
6. We can write our own methods
7. All constants (or enum values) by default public static final.
8. The Enum is final so we can’t extend it.
9. We can write main() in the enum
10. If enum is belongs to class you can use any modifiers on it, if it is outside class then only public and protected are allowed.

File System:

1. There are data streams available
2. They are divided into
3. input stream
4. file input stream
5. Byte Input Stream
6. Char Input Stream
7. output Stream

File f1=new File (“file name.type”);

FileInputStream fis=new FileInputStream(f1);

BufferedInputStream bis=new BufferedInputStream (fis); 1

DataInputStream dis=new DataInputStream (bis);

Dis.readLine();

Dis.readByte();

**Read File:**

FileReader fr=new FileReader(filename);

BuffereReader br=new BuffereReader(fr); 2

Br.readLine();

**Write File:**

FileOutputStream fos=new FileOutputStream(filename);

Fos.exist()

{

Fos.write()

Fos.flush()

Fos.close()

}

fileWriter fw=new FileWriter(filename)

BufferWriter bw=new BufferWriter(fw)

Bw.write(“some text”);

Bw.close();

1. write into a file using bufferwriter
2. identify number of words in your file
3. logic to replace one word with another
4. logic to create an xls file and add 7 days (mon-sun) into the xls
5. write a program which will accept student data name-string id-int marks-int fee-double and write those values into an xls file which should display in the following format

name id marks fee

all student details