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Course - Bsc (IT)

Sol. i) import java.io.*;

public class ReadFile
{
    public static void main (String [] args) throws
                                    Exception
    {
        FileWriterCustom fwc = new FileWriterCustom
                            ();

        fwc. fileWriter ();
        fwc. comstrong ();
    }
}
class FileWriterCustom
{
    void fileWriter () throws Exception
    {
        int i;

```
Print Writer out = new Print Writer (new File Writer
                                        ("one.txt"));

    for (i=100; i <550; i++)
    {
        out.println (i);
        out.flush ();

    }

}
static boolean isArmstrong (int n)
{
    int temp, digits = 0, last = 0, sum = 0;
    temp = n;
    while (temp > 0)
    {
        temp = temp /10;
        digits ++;
    }
    temp = n;
    while (temp > 0)
```

```
        {
    last = temp % 10;
    sum += (Math.pow(last, digits));
    temp = temp/10;
        }
    if (n==sum)
        return true;
    else
        return false;
        }

void armstrong() throws IO Exception
        {
    BufferedReader reader = new BufferReader
                        (new FileReader("one.
                        txt"));

    PrintWriter out 1 = new PrintWriter (new
                        FileWriter("two.txt"));

    String line = reader.readLine();
    out 1.println("Printing Armstrong");
    while (line != null)
```

```
{
    if (is Armstrong (Integer. parse Int (line)))
    {
        out 1. println (line);
        Out 1. flush ();
    }
    line = reader. readline ();
    }
        reader. close ();
    }
}
```