1. Program to generate Fibonacci series

```java
import java.io.*;
import java.util.*;
public class Fibonacci
{
public static void main(String[] args)
{
DataInputStream reader = new DataInputStream((System.in));
int f1=0,f2=0,f3=1;
try
{
System.out.print("\n\n\t\t\t\t---------------\n ");
System.out.print("\t\t\t\tFIBONACCI SERIES\n ");
System.out.print("\t\t\t\t---------------\n ");
System.out.print("Enter value of n: ");
String st = reader.readLine();
int num = Integer.parseInt(st);
System.out.print("\t\t\t\t---------------\n ");
System.out.print("\t\t\t\tFIBONACCI SERIES:\n ");
System.out.print("\t\t\t\t---------------\n ");
System.out.print("\t\t\t---------------------------------\n ");
for(int i=1;i<=num;i++)
    {
System.out.println("\n\t\t\t\t\t"+f3+"\t\n\t");
System.out.print("\t\t\t---------------------------------\n ");
f1=f2;
f2=f3;
f3=f1+f2;
}
}
catch(Exception e)
{
System.out.println("wrong input");
}
}
}
```

```
                                _____
                                FIBONACCI SERIES
                                ----------------
Enter value of n: 6
                                _____
                                FIBONACCI SERIES:
                                ----------------
        ------------------------------------------------
                                    1
        ------------------------------------------------
                                    1
        ------------------------------------------------
                                    2
        ------------------------------------------------
                                    3
        ------------------------------------------------
                                    5
        ------------------------------------------------
                                    8
        ------------------------------------------------
```