```java
    4
    5    public class hello{
    6
         Run | Debug
    7    public static void main(String args[])
    8    {
    9
   10    int n = 7;
   11    int firstnumber = 1;
   12    int secondnumber = 1;
   13    int thirdnumber;
   14    System.out.println(firstnumber);
   15    System.out.println(secondnumber);
   16    for(int i = 3;i<=n;i++)
   17    {
   18    thirdnumber = firstnumber +secondnumber;
   19    System.out.println(thirdnumber);
   20    firstnumber = secondnumber;
   21    secondnumber = thirdnumber;
   22
   23
   24    }
   25
   26
```

PROBLEMS 3   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
8
13
PS C:\Users\dines\java> javac hello.java
PS C:\Users\dines\java> java hello.java
1
1
2
3
5
8
13
PS C:\Users\dines\java>
```