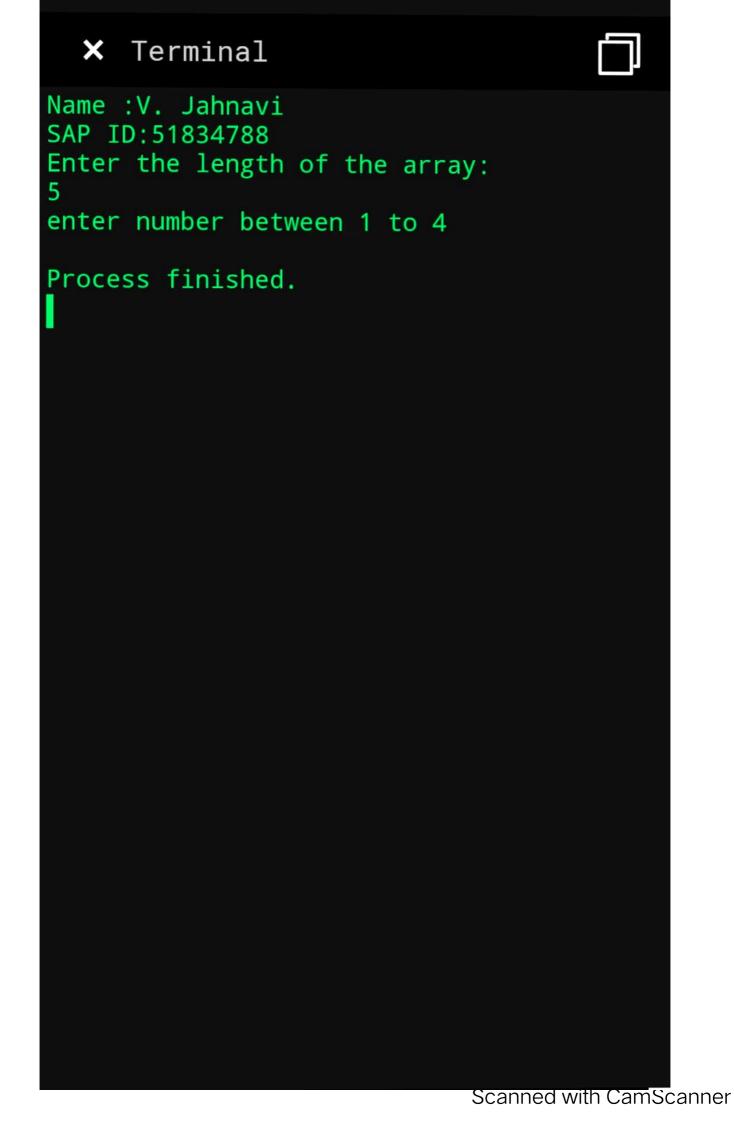
```
import java.util.Arrays;
1
   import java.util.Scanner;
2
3
   public class Reading
4
5
    {
6
      public static void main(String args[])
7
8
       {
         System.out.println("Name :V.
9
   Jahnavi\nSAP ID:51834788");
         Scanner sc = new Scanner(System.in);
10
         System.out.println("Enter the length
11
   of the array:");
         int length = sc.nextInt();
12
         if( length <1|| length>4){
13
            System.out.println("enter number
14
   between 1 to 4");
15
         }
         else{
16
         String [] myArray = new
17
   String[length];
         System.out.println("Enter the names of
18
   players");
         sc.nextLine();
19
         for(int i=0; i<length; i++ )</pre>
20
21
             myArray[i] = sc.nextLine();
22
23
         System.out.println("Names of
24
   players");
25
   System.out.println(Arrays.toString(myArray))
26
27
   }
28
```



## × Terminal

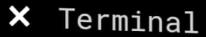
Name :V. Jahnavi
SAP ID:51834788
Enter the length of the array:
4
Enter the names of players
janu
honey
manny
kizxie
Names of players
[janu, honey, manny, kizxie]
Process finished.

```
import java.util.Scanner;
1
   class Pattern
3
   {
     static long factorial(int n)
4
5
       if(n==0)
6
           return 1;
7
       return n*factorial(n-1);
8
9
     public static void main(String[] args)
10
11
     {
       System.out.println("Name :V.
12
   Jahnavi\nSAP ID:51834788");
       Scanner sc=new Scanner(System.in);
13
       System.out.println("Enter the number for
14
   series :");
       int n=sc.nextInt();
15
       float res=0;
16
       for(int i=1;i<=n;i++)
17
18
         System.out.print("1/"+i+"!");
19
         res=res+(1.0f/factorial(i));
20
21
         if(i!=n)
            System.out.print("+");
22
23
24
       System.out.println("="+res);
25
26
   }
27
```

```
× Terminal
Name : V. Jahnavi
SAP ID:51834788
Enter the number for series :
4
1/1!+1/2!+1/3!+1/4!=1.7083333
Process finished.
```

Scanned with CamScanner

```
import java.util.Scanner;
 1
   class Summation
3
   {
     public static void main(String args[])
4
 5
       System.out.println("Name :V.
6
       avi\nSAP ID:51834788");
   Ja
       Scanner sc=new Scanner(System.in);
7
       System.out.print("Enter n :");
8
       int n=sc.nextInt();
9
       System.out.print("Output :");
10
       System.out.print(sumOfSeries(n));
11
12
      static int sumOfSeries(int n)
13
14
       int sum=0, j=1;
15
       for(int i=1;i <=n;i++)
16
17
       {
          sum = sum + j;
18
19
         j = (j*10)+1;
20
21
       return sum;
22
   }
23
```



Name :V. Jahnavi SAP ID:51834788

Enter n:6

Output :123456

Process finished.