```
3rd question 30 july.java A
Saved
```

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\rightarrow
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```
/*3rd question 30 july*/
   import java.util.Arrays;
   import java.util.Scanner;
5
   public class ReadingWithScanner {
6
     public static void main(String args[]) {
       Scanner s = new Scanner(System.in);
       System.out.println("Tarun sai\nSAP=51834698");
       System.out.println("Enter the length of the array:");
       int length = s.nextInt();
10
       if( length <1|| length>4){
        System.out.println("enter number between 1 to 4");
12
13
14
       else
15
       String [] myArray = new String[length];
16
       System.out.println("Enter the names of players");
18
       for(int i=0; i<length; i++) {
19
         myArray[i] = s.nextLine();
20
21
22
       System.out.println("Names of players");
       System.out.println(Arrays.toString(myArray));
23
24
25
26
```

× Terminal

Tarun sai SAP=51834698

Enter the length of the array:

4

Enter the names of players

Tarun

Sai

Hemu

Names of players

[, Tarun, Sai, Hemu]

Process finished.

```
4th question 30 july.java 🖴
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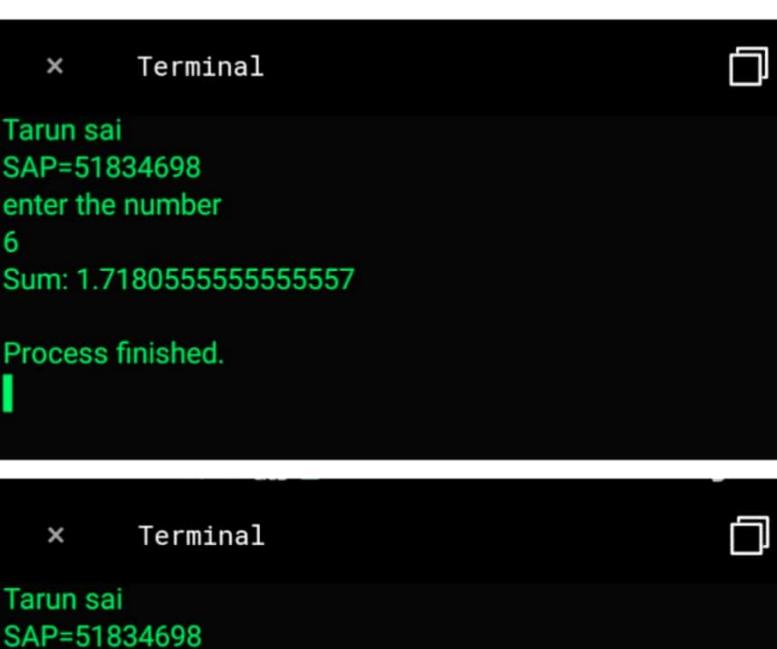
```
/*4th question 30th july*/
   import java.io.*;
   import java.util.*;
   class ValueOfSeries
     static double sum(int n)
      double sum = 0;
      int fact = 1;
      for (int i = 1; i <= n; i++)
10
      {
12
       fact *= i;
13
       sum += 1.0/fact;
14
15
      return sum;
16
     public static void main (String[] args)
     { Scanner sc = new Scanner (System.in);
18
     System.out.println("Tarun sai \nSAP=51834698");
19
     System.out.println("enter the number");
20
      int n = sc.nextInt();
21
      System.out.println("Sum: "+sum(n));
22
23
24
```

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Tarun sai SAP=51834698 enter the number 4

Sum: 1.7083333333333335

Process finished.

```
5th question 30 july.java 🖴
              Saved
   /*5th question 30 july*/
   import java.io.*;
   import java.util.*;
   class SumOfSeries
    static int summation(int n)
     int sum = 0, j = 1;
      for (int i = 1; i <= n; i++)
10
     {
       sum = sum + j;
12
       j = (j * 10) + 1;
13
     }
14
      return sum;
15
16
    public static void main(String args[)
     { Scanner sc = new Scanner (System.in);
17
     System.out.println("Tarun sai\nSAP=51834698");
18
     System.out.println("enter the number");
19
20
      int n = sc.nextInt();
      System.out.println("Output: "+summation(n));
21
```

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22

23 }

