



3rd question 30 july.java



Saved

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

Saved



```
1  /*4th question 30th july*/
2  import java.io.*;
3  import java.util.*;
4  class ValueOfSeries
5  {
6      static double sum(int n)
7      {
8          double sum = 0;
9          int fact = 1;
10         for (int i = 1; i <= n; i++)
11         {
12             fact *= i;
13             sum += 1.0/fact;
14         }
15         return sum;
16     }
17     public static void main (String[] args)
18     { Scanner sc = new Scanner (System.in);
19       System.out.println("Tarun sai \nSAP=51834698");
20       System.out.println("enter the number");
21       int n = sc.nextInt();
22       System.out.println("Sum: "+sum(n));
23     }
24 }
```

× Terminal



Tarun sai

SAP=51834698

enter the number

6

Sum: 1.7180555555555557

Process finished.



× Terminal



Tarun sai

SAP=51834698

enter the number


4

Sum: 1.7083333333333335

Process finished.





5th question 30 july.java 

Saved



```
1  /*5th question 30 july*/
2  import java.io.*;
3  import java.util.*;
4  class SumOfSeries
5  {
6      static int summation(int n)
7      {
8          int sum = 0, j = 1;
9          for (int i = 1; i <= n; i++)
10         {
11             sum = sum + j;
12             j = (j * 10) + 1;
13         }
14         return sum;
15     }
16     public static void main(String args[])
17     { 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("Output: "+summation(n));
22     }
23 }
```

× Terminal



```
Tarun sai
SAP=51834698
enter the number
6
Output: 123456

Process finished.
```

× Terminal



```
Tarun sai
SAP=51834698
enter the number
4

Output: 1234

Process finished.
```

