

```
1  import java.util.Arrays;
2  import java.util.Scanner;
3
4  public class Game {
5      public static void main(String args[]) {
6          Scanner s = new Scanner(System.in);
7          System.out.println("Author : J Sri Sai Mani");
8          System.out.println("SAP ID : 51834596");
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 and 4");
13         }
14         else{
15             String [] myArray = new String[length];
16             System.out.println("Enter the names of players");
17
18             for(int i=0; i<length; i++ ) {
19                 myArray[i] = s.nextLine();
20             }
21             System.out.println("Names of players");
22             System.out.println(Arrays.toString(myArray));
23         }
24     }
25 }
```

✕ Terminal



```
Author : J Sri Sai Manoj
SAP ID : 51834596
Enter the length of the array:
4
Enter the names of players
manoj
muneer
padma sai
Names of players
[, manoj, muneer, padma sai]

Process finished.
```

```
1 import java.io.*;
2 import java.util.*;
3 class ValueOfSeries
4 {
5     static double sum(int n)
6     {
7         double sum = 0;
8         int fact = 1;
9         for (int i = 1; i <= n; i++)
10        {
11            fact *= i;
12            sum += 1.0/fact;
13        }
14        return sum;
15    }
16    public static void main (String[] args) {
17        Scanner sc = new Scanner (System.in);
18        System.out.println("Author : J Sri Sai Manoj");
19        System.out.println("SAP ID : 51834596");
20        System.out.println("enter the number");
21        int n = sc.nextInt();
22        System.out.println("Sum: "+sum(n));
23    }
24 }
```

✕ Terminal



```
Author : J Sri Sai Manoj
SAP ID : 51834596
enter the number
5
Sum: 1.716666666666666668
```

```
Process finished.
```



```

1  import java.io.*;
2  import java.util.*;
3  class SumOfSeries
4  {
5      static int summation(int n)
6      {
7          int sum = 0, j = 1;
8          for (int i = 1; i <= n; i++)
9          {
10             sum = sum + j;
11             j = (j * 10) + 1;
12          }
13          return sum;
14      }
15      public static void main(String args[]) {
16          Scanner sc = new Scanner (System.in);
17          System.out.println("Author : J Sri Sai Manoj");
18          System.out.println("SAP ID : 51834596");
19          System.out.println("enter the number");
20          int n = sc.nextInt();
21          System.out.println("Output: "+summation(n));
22      }
23  }

```

✕ Terminal



Author : J Sri Sai Manoj

SAP ID : 51834596

enter the number

5

Output: 12345

Process finished.

