



day2.java

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```
1 import java.util.Arrays;
2 import java.util.Scanner;
3
4 public class ReadingWithScanner {
5     public static void main(String args[])
6     {
7         System.out.println("Question no:3\nAuthor: B.padhi");
8         Scanner s = new Scanner(System.in);
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        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 }
```



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4:38



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Question no:3

Author: B.padmasai

Sap id:51834617

Enter the length of the array:

4

Enter the names of players

muni

sai

hemu

Names of players

[, muni, sai, hemu]

Process finished.



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```
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    {
18        System.out.println("Question no:4\nAuthor: B.padm");
19        Scanner sc = new Scanner (System.in);
20        System.out.println("enter the number");
21        int n = sc.nextInt();
22        System.out.println("Sum: "+sum(n));
23    }
24 }
```



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Question no:4

Author: B.padmasai

Sap id:51834617

enter the number

4

Sum: 1.708333333333335

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```
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     {
17         System.out.println("Question no:5\nAuthor: B.padm");
18         System.out.println("enter the number");
19         int n = sc.nextInt();
20         System.out.println("Output: "+summation(n));
21     }
22 }
```



4:39



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x Terminal



Question no:5
Author: B.padmasai
Sap id:51834617
enter the number
5
Output: 12345

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