```java
import java.util.Arrays;
import java.util.Scanner;

public class ReadingWithScanner {
    public static void main(String args[])
    {
      System.out.println("Question no:3\nAuthor: B.padr
       Scanner s = new Scanner(System.in);
       System.out.println("Enter the length of the arr.
       int length = s.nextInt();
       if( length <1|| length>4){
          System.out.println("enter number between 1 to
       }
       else{
       String [] myArray = new String[length];
       System.out.println("Enter the names of players"

       for(int i=0; i<length; i++ ) {
           myArray[i] = s.nextLine();
       }
       System.out.println("Names of players");
       System.out.println(Arrays.toString(myArray));
    }
    }
}
```

```
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.
```

```java
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++)
      {
         fact *= i;
         sum += 1.0/fact;
      }
      return sum;
   }
   public static void main (String[] args)
   {
      System.out.println("Question no:4\nAuthor: B.padm.
      Scanner sc = new Scanner (System.in);
   System.out.println("enter the number");
      int n = sc.nextInt();
      System.out.println("Sum: "+sum(n));
   }
}
```

```
Question no:4
Author: B.padmasai
Sap id:51834617
enter the number
4
Sum: 1.7083333333333335

Process finished.
```

```java
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++)
    {
      sum = sum + j;
      j = (j * 10) + 1;
    }
    return sum;
  }
  public static void main(String args[])
  {
    System.out.println("Question no:5\nAuthor: B.padm.
  System.out.println("enter the number");
    int n = sc.nextInt();
    System.out.println("Output: "+summation(n));
  }
}
```

File info ⓘ

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

Process finished.
```