```java
mport java.util.*;
public class Main

   public static void main(String[] args)
   {
     Scanner sc=new Scanner(System.in);
     System.out.println("Author : G s s pavan\ns
     System.out.println("enter the number ");
     double sum=0.0;
     int n=sc.nextInt();
     double p=1.0;
         int s=0;
     for(int i=1;i<=n;i++){
        for(int j=1;j<=i;j++){
         p=p*j;
        }
         sum=sum+(1/p);

      }
    System.out.print(sum);
   }
}
```

```
Author : G s s pavan
sap id: 51834699
enter the number
10
1.586834530936472
Process finished.
```

```java
import java.util.*;
class Demo{
  public static void main (String arhs[]){
     Scanner sc=new Scanner(System.in);
     System.out.println("Author : G s s pavan\nsa
     System.out.println("enter the number ");
     int n=sc.nextInt();
     int r;
     int sum=0;
     int a;
     for(int i=0;i<n;i++){
       String st="1";
       for(int j=0;j<i;j++){
          st=st+"1";
       }
       a=Integer.parseInt(st);
       sum=sum+a;
     }
      System.out.print("output "+sum);
  }
}
```

```
Author : G s s pavan
sap id: 51834699
enter the number
9
output 123456789
Process finished.
```