package com.TH;  
  
import java.sql.SQLOutput;  
import java.util.Scanner;  
  
public class Main {  
  
 public static void main(String[] args) {  
 Scanner s = new Scanner(System.*in*);  
 System.out.println("enter 1st number");  
 int num1=s.nextInt();  
  
 int num2=60;  
 int sum=num1+num2;  
 System.out.println("sum ="+sum);  
-------  
 int a=s.nextInt();  
 double b=s.nextDouble();  
 long c=s.nextLong();  
 double lar =(a>b) ? a:b;  
 double la2=(lar>c) ? lar:c;  
 System.out.println(la2);  
--------  
 float a=13.34f;  
 double b=(double) a;  
 int c=(int)a;  
 System.out.println(a);  
 System.out.println(b);  
 System.out.println(c);  
--------  
 int i=10;  
 int a=++i;  
 System.out.println(i+ " "+a);  
 int a1=i++;  
 System.out.println(i+ " "+a1);  
---------  
 System.out.println("enter the number to reverse");  
 int a=s.nextInt();  
 int revnum= res(a);  
 System.out.println("reverse: "+revnum);  
 if(p(a))  
 System.out.println("prime");  
 else  
 System.out.println("not prime");  
  
 }  
 public static boolean p(int a)  
 {  
 int i,j;  
 for(i=2;i\*i<=a;i++)  
 {  
 if(a%i==0)  
 return false;  
 }  
 return true;  
 }  
 public static int res(int a)  
 {  
 int r=0,rn=0;  
 while (a>0)  
 {  
 r=a%10;  
 rn=(rn\*10)+r;  
 a=a/10;  
 }  
 return rn;  
 }  
 System.out.println("enter the number");  
 int n=s.nextInt();  
 System.out.println("fact of num is :"+fact(n));  
  
 }  
 public static int fact(int n)  
 {  
 int i,j=1;  
 for(i=2;i<=n;i++)  
 {  
 j=j\*i;  
 }  
 return j;  
------  
 String msg;  
 int n=s.nextInt();  
 switch (n)  
 {  
 case 1:  
 case 3:  
 case 5:  
 case 7:  
 case 8:  
 case 10:  
 case 12:  
 msg="has 31 days";  
 break;  
 case 2:  
 msg="has 28 or 29 days";  
 break;  
 case 4:  
 case 6:  
 case 9:  
 case 11:  
 msg="has 30 days";  
 break;  
 default:  
 msg="invalid month num";  
  
 }  
 System.*out*.println(msg);  
 }  
}

output:

project" com.TH.Main

10

has 31 days

Process finished with exit code 0

ARRAY

package com.TH;  
  
import java.util.Scanner;  
  
public class Main {  
  
 public static void main(String[] args) {  
 Scanner s=new Scanner(System.*in*);  
 /\*int [] arr =new int[]{1,9,78,57,46};\*/  
 System.*out*.println("elements in array");  
 int a=0;  
 int n= s.nextInt();;  
 int arr[]=new int[n];  
 for (int i=0;i<n;i++)  
 {  
 arr[i]= s.nextInt();  
 a+=arr[i];  
 }  
 int i;  
 for (i=0;i< arr.length;i++)  
 System.*out*.println(arr[i]+ " ");  
 System.*out*.println(a);  
  
 }  
}  
output:

elements in array

4

8

8

8

8

8

8

8

8

32