import java.util.\*;

class Main

{

public static void main(String[] args)

{ Scanner m=new Scanner(System.in);

int temp=0,i,count=0,mult=1;

System.out.println("Enter the no.of terms:");

int b=m.nextInt();

int arr[]=new int[b];

System.out.println("The numbers:");

for( i=0;i<b;i++)

{

arr[i]=m.nextInt();

}

System.out.println("Enter operation:");

System.out.println("1.Add 2.Subtract 3.Multiply 4.Division");

int c=m.nextInt();

switch(c)

{

case 1:

{System.out.println("The sum is:");

for(int j=0;j<b;j++)

{

temp=temp+arr[j];

}

System.out.println(temp);

break;

}

case 2:

{

System.out.println("The diff is:");

count=arr[0];

for(int l=0;l<b;l++)

{

if(l==(b-1))

break;

count=count-arr[l+1];

}

System.out.println(count);

break;

}

case 3:

{

System.out.println("The multiplication is:");

for(int p=0;p<b;p++)

{

mult=mult\*arr[p];

}

System.out.println(mult);

break;

}

case 4:

{

System.out.println("The division is:");

mult=arr[0];

for(int z=0;z<b;z++)

{

if(z==(b-1))

break;

mult=mult/arr[z+1];

}

System.out.println(mult);

break;

} }

}

}