

**//write a program to calculate the value of X where  $x=(3+4ab)/2c$  :-**

```
#include<iostream.h>
main()
{
float a,b,c,x;
cout<<"enter a , b and c one after another"<<endl;
cin>>a>>b>>c;
x=(3+4*a*b)/(2*c);
cout<<"x="<<x<<endl;
}
```

**//write a program to input 3 integers and determine which of them is biggest:-**

```
#include<iostream.h>
main()
{
int a,b,c;
cout<<"enter a , b and c one after another"<<endl;
cin>>a>>b>>c;
if ((a>b)&&(a>c)) //take care of ( ) important.
cout<<"first number is bigger="<<a<<endl;
if ((b>a)&&(b>c))
cout<<"the second number is bigger="<<b<<endl;
if ((c>a)&&(c>b))
cout<<"the last number is bigger="<<c<<endl;
if((a==c)&&(c==b))
cout<<"all the numbers are equal"<<endl;
}
```

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**//write a program to enter a letter and determine the letter is small or capital:-**

```
#include <iostream.h>
main()
{
char letter;
cout<<"Enter a letter:";
```

```

cin >> letter;
if(letter >= 'A')
if(letter <= 'Z')
cout<<"You entered a capital letter.";
else
cout<<"You entered a small letter.";
}
*****
*****

```

**//write a program to know positive, negative, odd and even numbers**

```

#include<iostream.h>
main()
{
int a;
cin>>a;
if(a>=0)
cout<<"a is positive number\n";
if(a%2==0)

cout<<" a is even \n";
if(a%2!=0)
cout<<"a is odd number"<<endl;
if(a<0)
cout<<"a is a negative number\n";
*****

```

**//write a program to calculate the SUM of positive integers and the SUM of negative integers for 6 integers.**

```

#include <iostream.h>
main()
{
int b=0,x=0,mark=0,z=0;
for(x=1;x<=6;++x)
{
cin>>mark;

```

```
if(mark>=0)
z=mark+z;
else
b=mark+b;
}
cout<<"sum of positives="<<z<<endl;
cout<<"sum of negatives="<<b<<endl;
}
```

\*\*\*\*\*

**//write a program to compute the sum of even numbers from some numbers until "0" by using DO/WHILE loop:-**

```
#include<iostream.h>
```

```
int main()
```

```
{
```

```
int a,b=0;
```

```
do
```

```
{ cin>>a;
```

```
if(a%2==0)
```

```
b=b+a;
```

```
} while(a!=0);
```

```
cout<<b;
```

```
}
```

\*\*\*\*\*