BITWISE OPERATOR

Q.If int x=10, y=8 then write a program to find x^y , x | y and x&y.

Syntax:

#include <iostream>

using namespace std;

int main()

{

int x=10,y=8;

int a,b,c;

a=x^y;

b=x|y;

c=x&y;

cout<<a<<"\n";

cout<<b<<"\n";

cout<<c<<"\n";

return 0;

}

Q. Write a program to check even or odd number.

syntax:

#include <iostream>

using namespace std;

int main()

{

int n,a;

cout<<"Enter the number:";

cin>>n;

a=n%2;

if(a==0)

{

cout<<"Entered number is a even number ";

}

else

{

cout<<"Entered number is a odd number ";

}

return 0;

}

Q. Take two numbers and find out the greater and smaller number.

Syntax:

#include <iostream>

using namespace std;

int main()

{

int a,b;

cout<<"Enter the first number:";

cin>>a;

cout<<"Enter the second number:";

cin>>b;

if(a<b)

{

cout<<"The first number is a smaller number"<<a<<"\n";

cout<<"The second number is the greater number"<<b<<"\n" ;

}

else

{

cout<<"The second number is a smaller number"<<b<<"\n";

cout<<"The first number is a greater number"<<a<<"\n";

}

return 0;

}

Q.Print an integer, float and double values using different access specifiers

Syntax:

#include <iostream>

using namespace std;

int main()

{

int a;

float b;

double c;

cout<<"Enter the first number";

cin>>a;

cout<<"Enter the second number:";

cin>>b;

cout<<"Enter the third number:";

cin>>c;

cout<<"Integer:"<<a;

cout<<"Float:"<<b;

cout<<"Double:"<<c;

return 0;

}

Q. write a program to print sum of 10 numbers.

Syntax:

#include <iostream>

using namespace std;

int main()

{

int a,b=0;

for(int i=1;i<11;i++)

{

cout<<"Enter a number:";

cin>>a;

b=b+a;

}

cout<<"The sum of the entered numbers is:"<<b;

return 0;

}

Q. sum of even and odd numbers up to 100.

Syntax:

#include <iostream>

using namespace std;

int main()

{

int a,e=0,o=0;

for(int i=1;i<101;i++)

{

a=i%2;

if(a==0)

{

e=e+i;

}

else

{

o=o+i;

}

}

cout<<"The sum of even numbers is:"<<e;

cout<<"The sum of odd numbers is:"<<o;

return 0;

}

SUM OF TWO

#include<iostream>

using namespace std

int main()

{

int a,b,c;

cout<<"Enter the first number:";

cin>>a;

cout<<"Enter the second number:";

cin>>b;

c=a+b;

cout<<"The sum of the two numbers is:<<c;

return 0;

}

Q. Write a program to swap two numbers.

syntax:

#include <iostream>

using namespace std;

int main()

{

int a,b,c;

cout<<"Enter the first number";

cin>>a;

cout<<"Enter the second number:";

cin>>b;

c=a;

a=b;

b=c;

cout<<"After swapping the first number is"<<a;

cout<<"After swapping the second number is "<<b;

return 0;

}