Object oriented programming with c++

26/09/2022

1.program to print name

#include<iostream>

using namespace std;

main()

{

cout<<"my name is arther";

}

Output:

my name is arther

2program to find the addition of two numbers

#include<iostream>

using namespace std;

main()

{

int x,y,b;

cout<<"enter two numbers:";

cin>>x>>y;

b = x+y;

cout<<"addition of two numbers is:"<<b;

}

Output:

enter two numbers:3 4

addition of two numbers is:7

3.program to find the biggest of two numbers

#include<iostream>

using namespace std;

main()

{

int x,y;

cout<<"enter x and y values:";

cin>>x>>y;

if(x>y)

cout<<x<"is greatest";

else

cout<<y<<"is greatest";

}

Output:

Enter two values:2 4

4 is greatest

4.program to find the given number is even or odd

#include<iostream>

using namespace std;

main()

{

int x;

cout<<"enter the number:";

cin>>x;

if(x%2 == 0)

cout<<x<<" is even number";

else

cout<<x<<" is odd number";

}

Output:

enter the number:5

5 is odd number

5.program to find the person is eligible to vote or not

#include<iostream>

using namespace std;

main()

{

int age;

cout<<"enter age:";

cin>>age;

if(int(age)&&age>=0)

if(age>=18)

cout<<"person is eligible to vote";

else

cout<<"person is not eligible to vote";

else

cout<<"enter correct input";

}

Output:

Enter person's age:12

person is not eligible

6.program for int or float numbers

#include<iostream>

using namespace std;

main()

{

float n;

cin>>n;

int res = n/1;

if(n<=0||n>=0&&res\*1==n)

cout<<"int";

else

cout<<"float";

}

Output:

enter a45

=int

7.program to check whether the given year is leap year or not

#include<iostream>

using namespace std;

main()

{

int y;

cout<<"enter year:";

cin>>y;

if(int(y)&&y>=0)

if(y%4 == 0)

cout<<y<<" is leap year";

else

cout<<y<<" is non leap year";

else

cout<<"enter correct year";

}

Output:

enter year:-2020

enter correct year