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Online C++ Compiler.

Code, Compile, Run and Debug C++ program online.

Write your code in this editor and press "Run" button to compile and execute it.

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#include <iostream>

using namespace std;

class overload{

int a;

public:

overload()

{

cout<<endl<<"Calling with zero parameters....";

a=0;

}

overload(int a)

{

cout<<endl<<"Calling with one parameter....";

this->a=a;

}

overload( int a, int b)

{

cout<<endl<<"Calling with two parameters....";

this->a=a+b;

}

overload(int a[10],int n)

{

cout<<endl<<"Calling with any number parameters....";

for(int i=0;i<n;i++)

{

this->a=this->a+a[i];

}

this->a--;

}

void output()

{

cout<<endl<<"Value of a is:"<<this->a;

}

};

int main()

{

cout<<endl<<"Constructor overloading.....................................................";

cout<<endl<<"Enter no. of parameters (<10):";

int n;

cin>>n;

if(n==0)

{

overload a1;

a1.output();

}

else if(n==1)

{

cout<<endl<<"Enter value of parameter:";

int a;

cin>>a;

overload a1(a);

a1.output();

}

else if(n==2)

{

cout<<endl<<"Enter value of parameters:";

int a,b;

cout<<endl<<"Parameter 1:";

cin>>a;

cout<<endl<<"Parameter 2:";

cin>>b;

overload a1(a,b);

a1.output();

}

else

{

cout<<endl<<"Enter value of parameters:";

int a[10];

for(int i=0;i<n;i++)

{

cout<<endl<<"Parameter"<<i+1<<" :";

cin>>a[i];

}

overload a1(a,n);

a1.output();

}

cout<<endl;

return 0;

}