

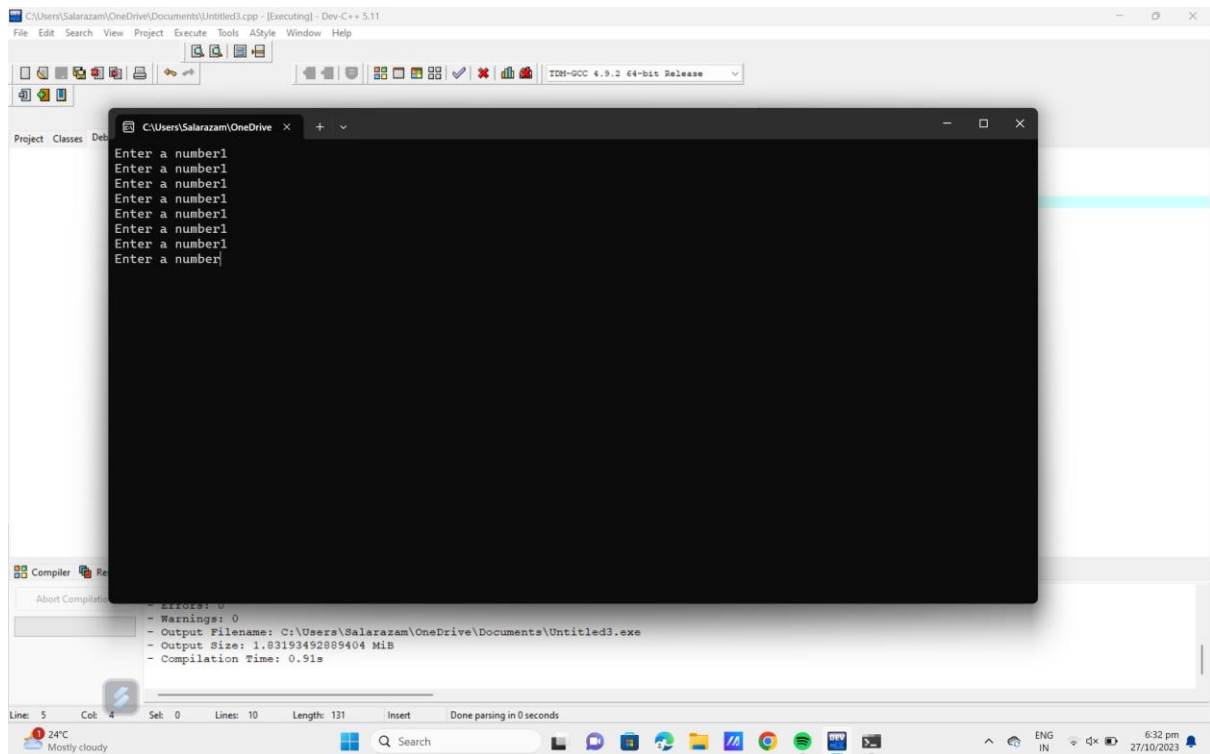


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Class	ME-15
Section	C

Q:Convert the given code into do while statement.

```
#include <iostream>  
using namespace std;  
int main(){  
int x;  
do{  
cout<<"Enter a number";  
cin>>x;  
}while(x>0);  
return 0;}
```



Q2: (a)Write a program to print sum of even numbers from 2 to 100.

#include <iostream>

using namespace std;

int main(){

int sum=0;

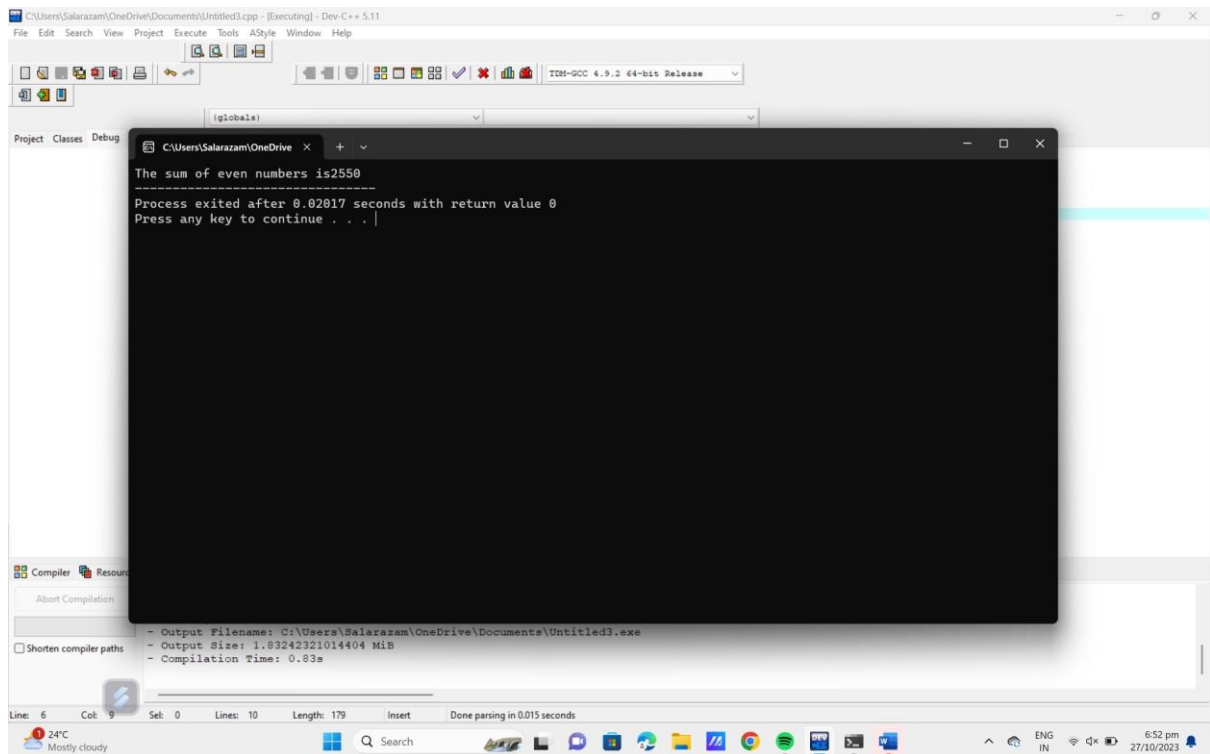
for(int num=2;num<101;num=num +2){

sum =sum+num;}

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

return 0;

}



Q(b): Write a program to print sum of squares of numbers upto 100.

#include <iostream>

using namespace std;

int main(){

int sum=0;

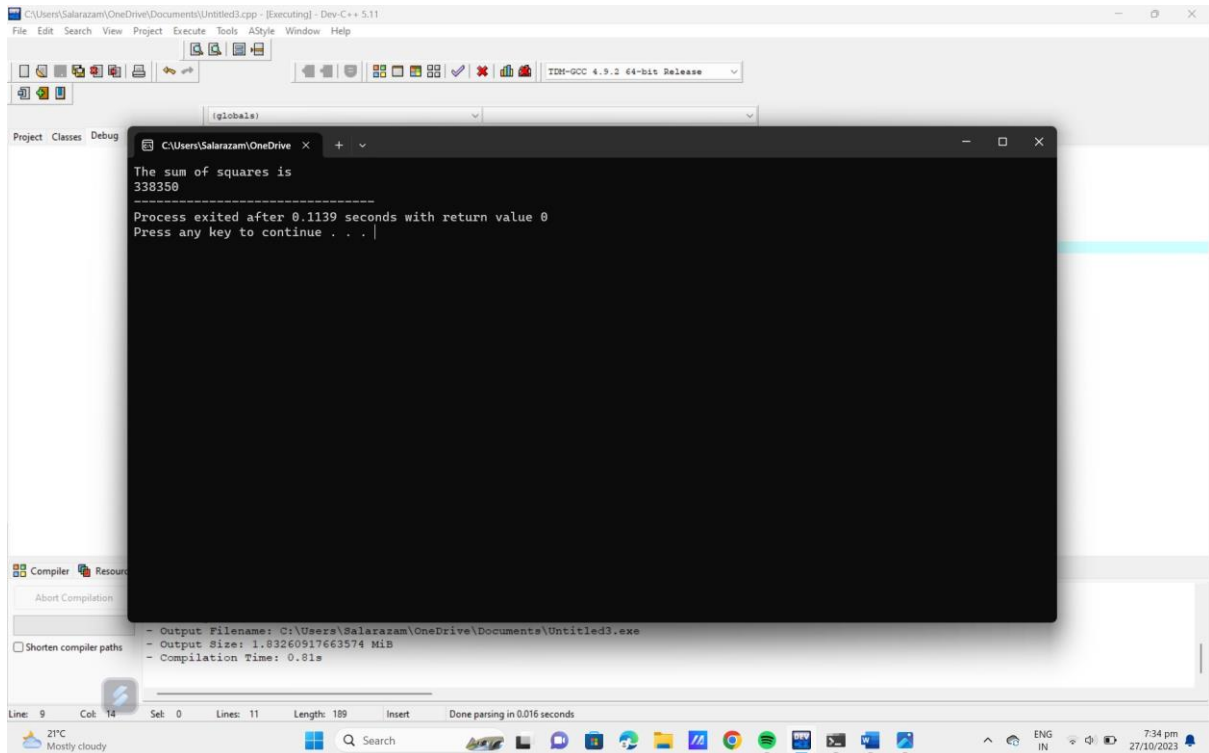
for(int num=1;num<101;num++){

sum+=num*num;}

{cout<<"The sum of squares is"<<endl;}

cout<<sum;

return 0; }



Q:Write a program in c++ to form a calculator.

include <iostream>

using namespace std;

int main(){

char again;

do{

double num1,num2,result;

char operation;

cout<<"Please enter your numbers";

cin>>num1>>num2;

```
cout<<"Please select your operation for further  
processing ";
```

```
cin>>operation;
```

```
switch(operation){
```

```
case '+':
```

```
result=num1 +num1;
```

```
break;
```

```
case '-':
```

```
result=num1-num2;
```

```
break;
```

```
case '*':
```

```
result=num1*num2;
```

```
break;
```

```
case '/':
```

```
if(num2!=0){
```

```
result=num1/num2;
```

```
}else {
```

```
cout<<"Error:Invalid function"<<endl;}
```

```
break;
```

```
default:
```

```
cout<<"Result"<<endl;
```

```
    cout<<"Do you want to perform another  
operation(Y/N)";  
    cin>>again;}while(again=='Y' || again=='y');  
    cout<<"Calculator terminated.Goodbye!"<<endl;  
  
return 0;}
```