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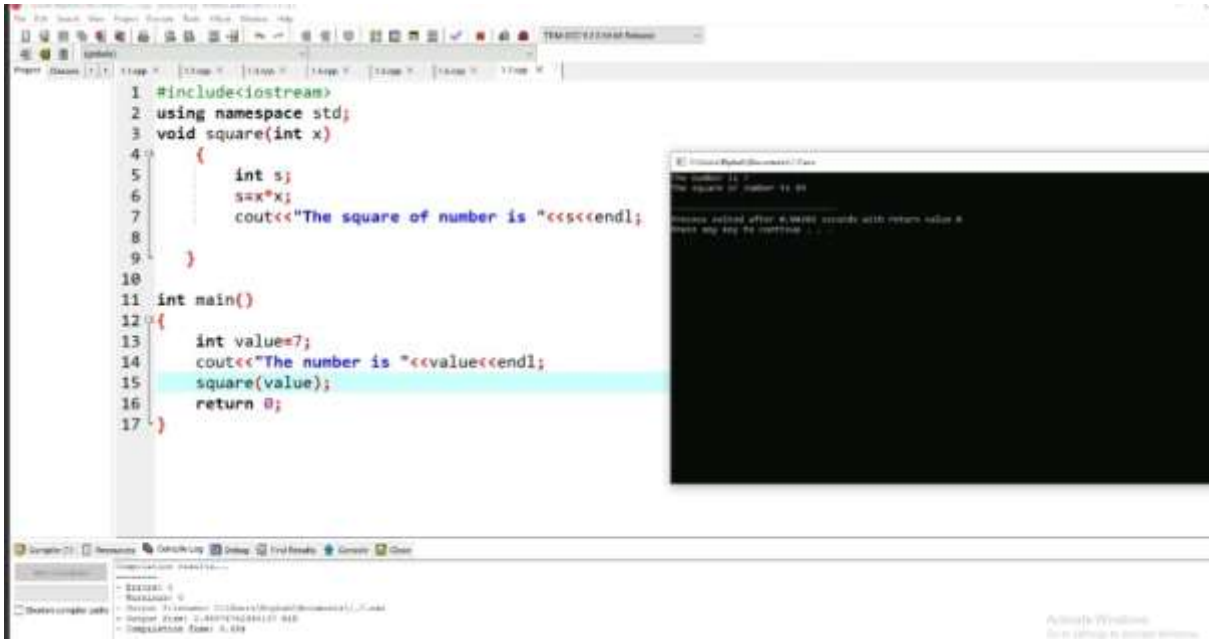
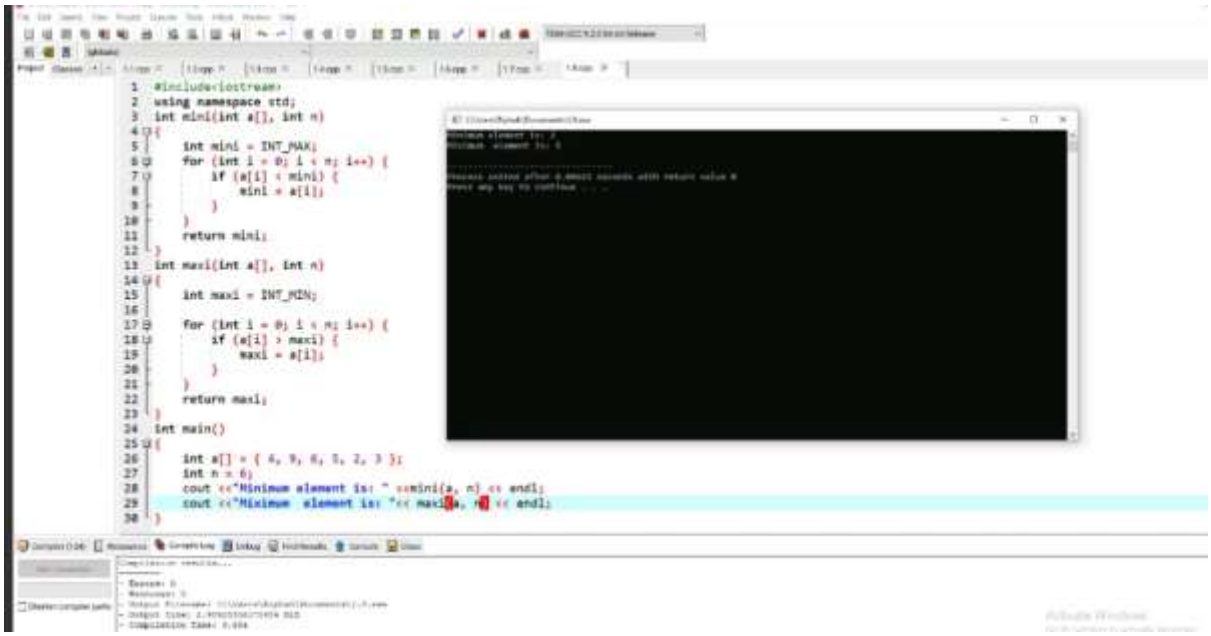
Question#1



```cpp
#include<iostream>
using namespace std;
void square(int x)
    {
        int s;
        s=x*x;
        cout<<"The square of number is "<<s<<endl;

    }
int main()
{
    int value=7;
    cout<<"The number is "<<value<<endl;
    square(value);
    return 0;
}
```

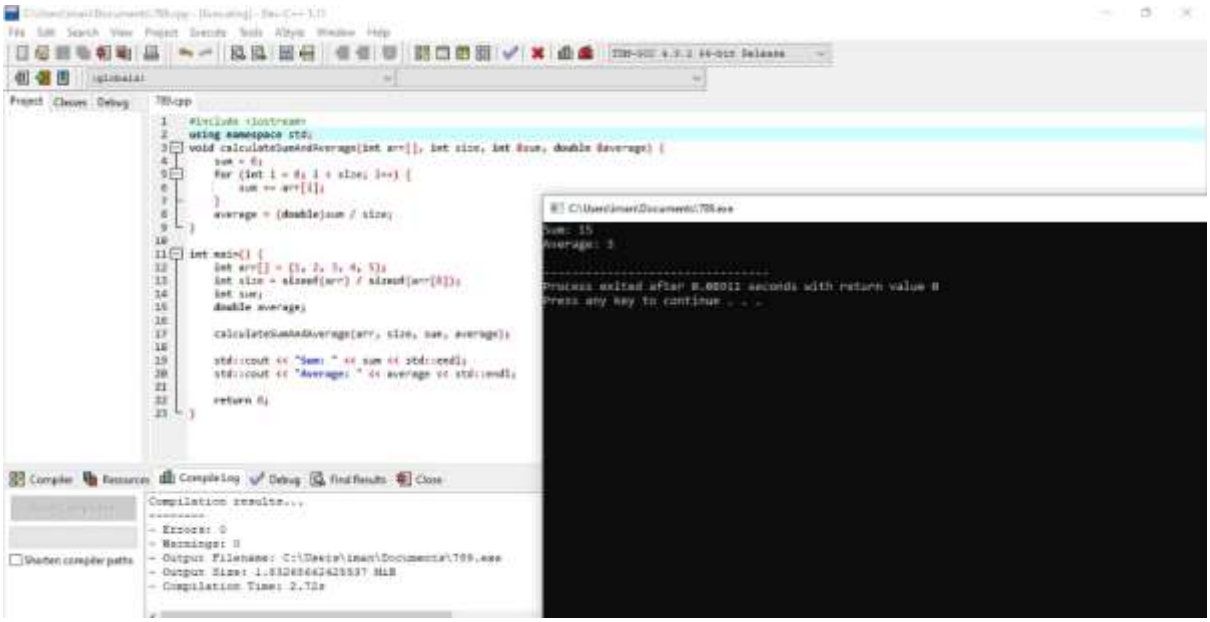
Question#2



```cpp
#include<iostream>
using namespace std;
int mini(int a[], int n)
{
    int mini = INT_MAX;
    for (int i = 0; i < n; i++) {
        if (a[i] < mini) {
            mini = a[i];
        }
    }
    return mini;
}
int maxi(int a[], int n)
{
    int maxi = INT_MIN;

    for (int i = 0; i < n; i++) {
        if (a[i] > maxi) {
            maxi = a[i];
        }
    }
    return maxi;
}
int main()
{
    int a[] = { 4, 9, 8, 5, 2, 3 };
    int n = 6;
    cout <<"Minimum element is: " <<mini(a, n) << endl;
    cout <<"Miximum  element is: "<< maxi(a, n) << endl;
}
```

Question#3



#include <iostream>
using namespace std;
void calculateSumAndAverage(int arr[], int size, int &sum, double &average) {
sum = 0;
for (int i = 0; i < size; i++) {
sum += arr[i];
}
average = (double)sum / size;
}
int main() {
int arr[] = {1, 2, 3, 4, 5};
int size = sizeof(arr) / sizeof(arr[0]);
int sum;
double average;
calculateSumAndAverage(arr, size, sum, average);
std::cout << "Sum: " << sum << std::endl;
std::cout << "Average: " << average << std::endl;
return 0;
}
Sum: 15
Average: 3
Process exited after 0.00011 seconds with return value 0
Press any key to continue . . .
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\iman\Documents\789.exe
- Output Size: 1.83268642425537 MiB
- Compilation Time: 2.72s