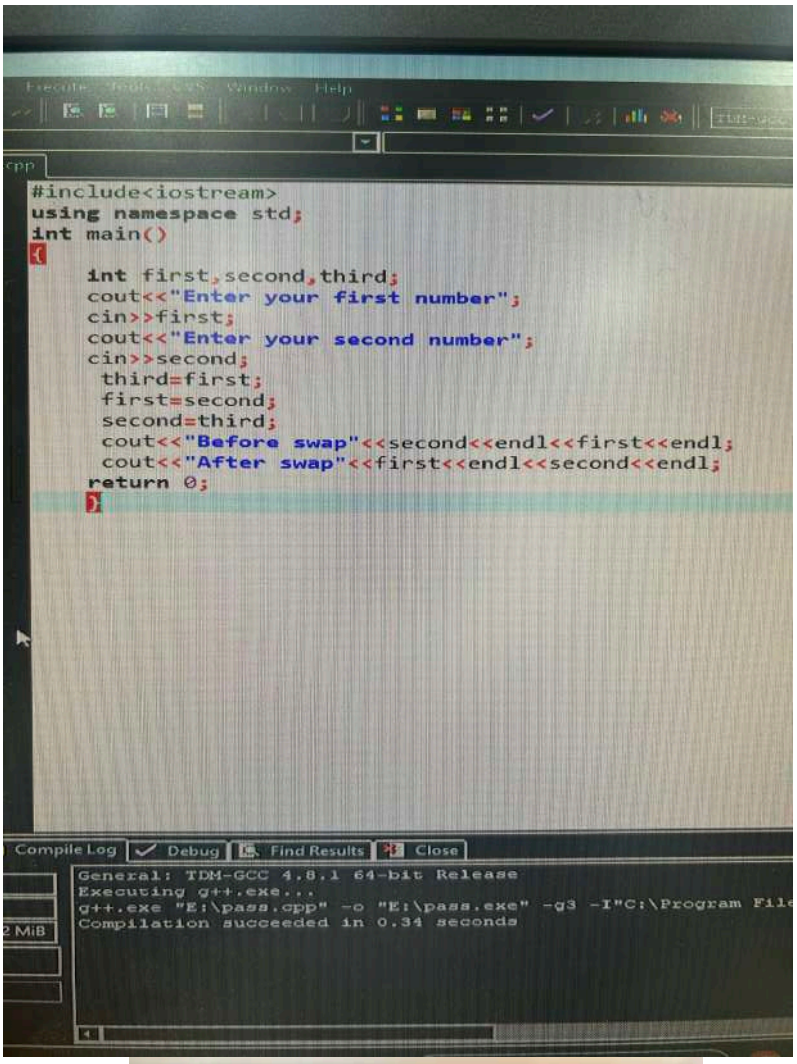
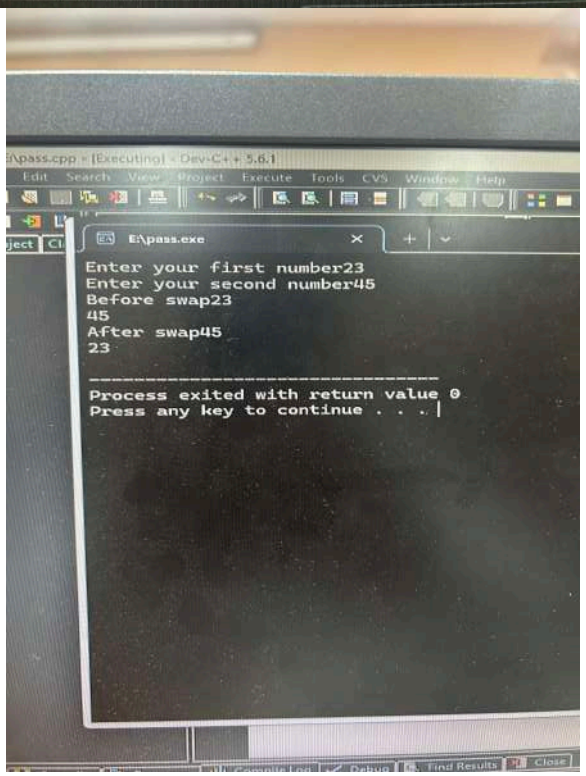
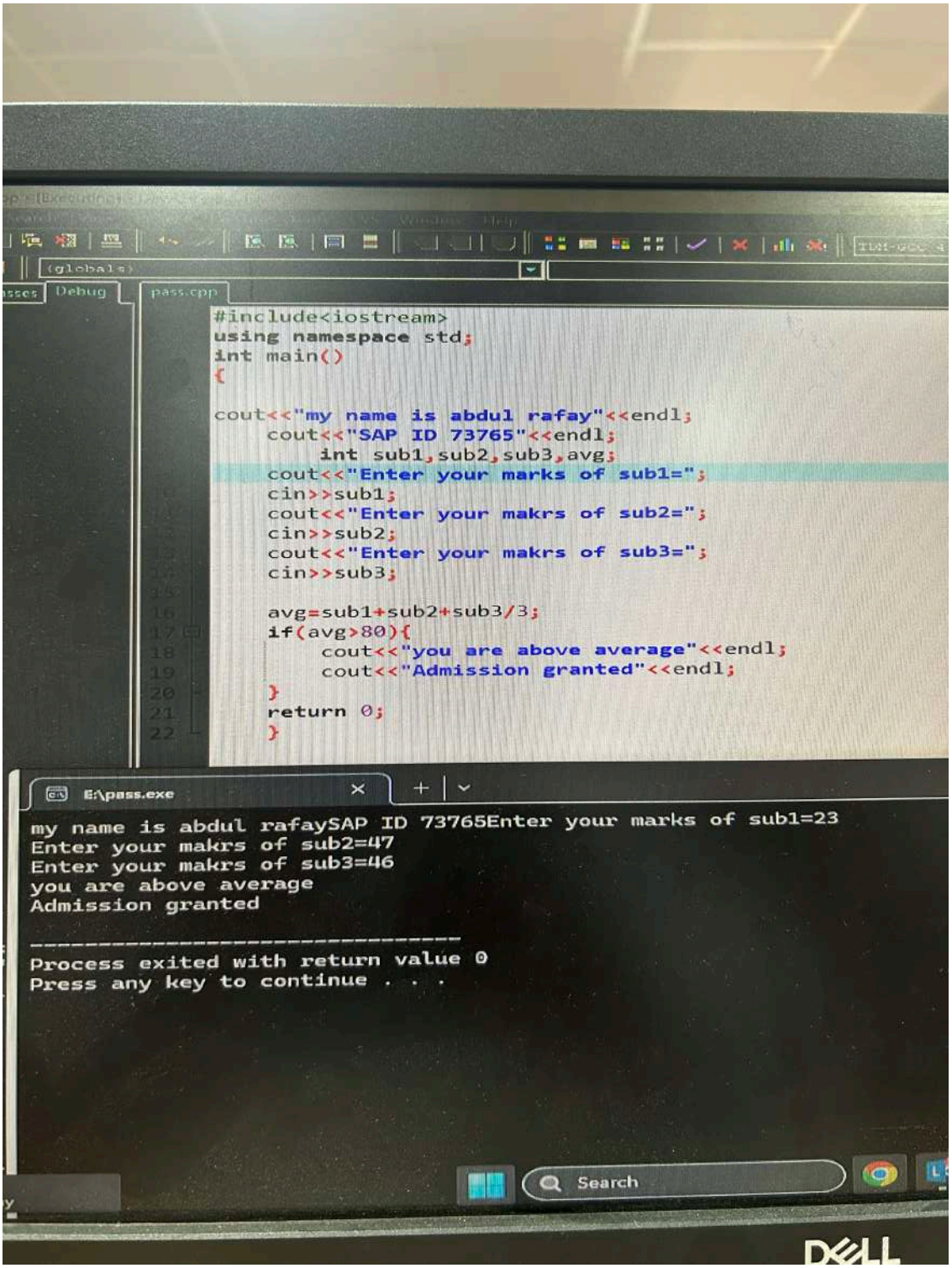
Name : Abdul Rafay. SAP ID :73765

Q no 1) write a program that swap the values

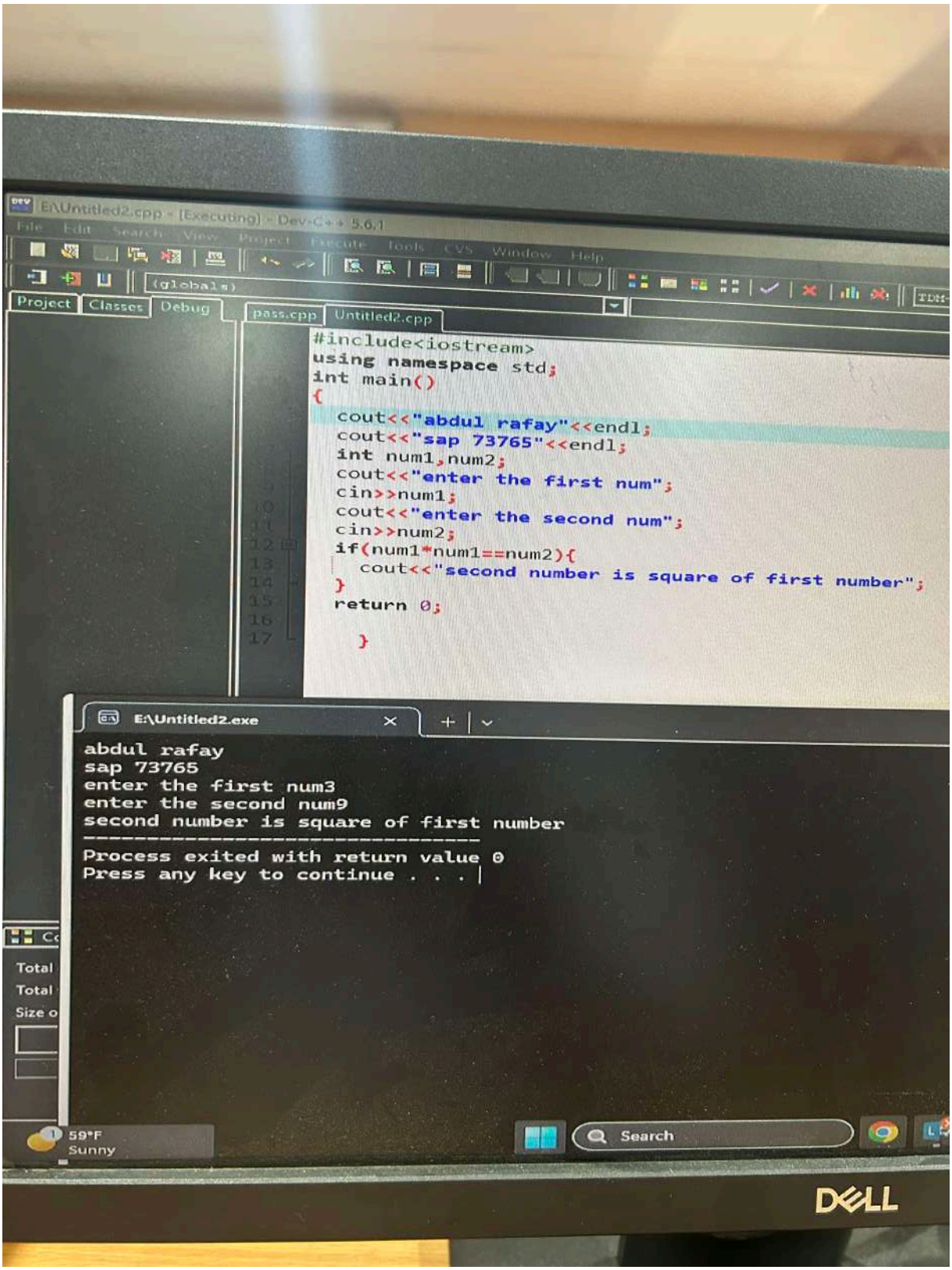




Q no 2)Write a program that input marks of three subjects, if the average of marks is more than 80 , it display two messages “You are above standard” and “Admission Granted”



Q no 3)Write a program that input two numbers and finds if second number is square of first number



Q NO 4) Write a program that input a number and find weather the number is even or odd

main.cpp

Share Run

```cpp
#include<iostream>
using namespace std;
int main()
{
    cout<<"NAME= ABDUL RAFAY"<<endl;
     cout<<"SAP ID 73765"<<endl;

     int num;
     cout<<"Enter the number= ";
     cin>>num;
     if(num % 2==0){
         cout<<"The given number is even"<<endl;
     }else{
         cout<<"The given number is odd"<<endl;
     }
         return 0;
}
```

Output

```
NAME= ABDUL RAFAY
SAP ID 73765
Enter the number= 482
The given number is even


=== Code Execution Successful ===
```

Q NO 5)Write a program that input a number and determine it is positive , negative or 0

main.cpp

Share Run

```cpp
#include<iostream>
using namespace std;
int main()
{
 cout<<"NAME= ABDUL RAFAY"<<endl;
 cout<<"SAP ID 73765"<<endl;

 int num;
 cout<<"Enter the number = ";
 cin>>num;
 if(num > 0){
     cout<<"the number is positive";
 }else if (num < 0){
     cout<<"the is negative";
 }else{
     cout<<"the num is zero";
 }
     return 0;
}

```

Output

```
NAME= ABDUL RAFAY
SAP ID 73765
Enter the number = 2
the number is positive

=== Code Execution Successful ===
```

Q NO 6) Write a program that input three numbers and display maximum number.

main.cpp

Share Run

```cpp
#include <iostream>
using namespace std;

int main() {
    cout<<"NAME= ABDUL RAFAY"<<endl;
    cout<<"SAP ID 73765"<<endl;

    int num1, num2, num3,max;

    cout << "Enter three numbers: ";
    cin >> num1 >> num2 >> num3;

    if (num1 >= num2 && num1 >= num3) {
        max = num1;
    }
    else if (num2 >= num1 && num2 >= num3) {
        max = num2;
    }
    else {
        max = num3;
    }

    cout << "The maximum number is: " << max << endl;

    return 0;
}

```

Output

```
NAME= ABDUL RAFAY
SAP ID 73765
Enter three numbers: 23
45
34
The maximum number is: 45


=== Code Execution Successful ===
```