Lab Task 06

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Q1. Write a C++ program which inputs a number from the user, and classify it as even or odd.
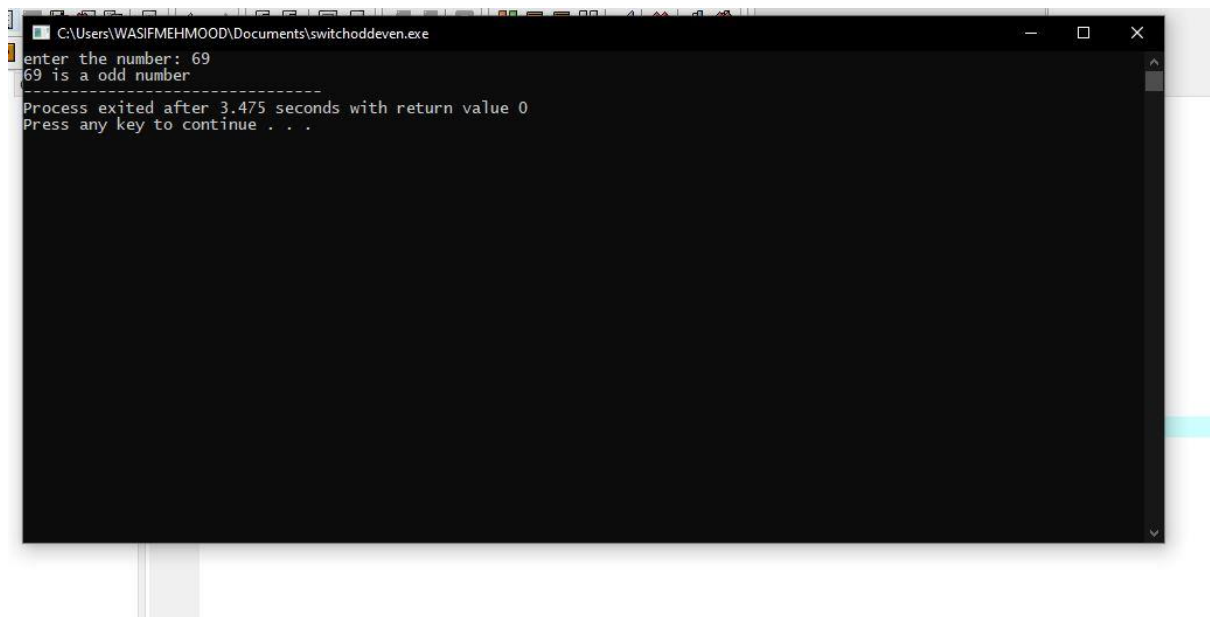
[Use switch statement]

For output display, enter the number by taking the last two digits of your registration

number.

Source Code:

```cpp
#include<iostream>
using namespace std;
int main()
{
        int num;
        cout<<"enter the number: ";
        cin>>num;
        switch(num%2)
        {
                case 1:
                        {
                                cout<<num<<" is a even number";
                                break;
                        }
                default:
                cout<<num<<" is a odd number";
        }
return 0;
}
```

Output:

Q2. Write a C++ program which inputs a character and check if it is vowel or consonant

[Use switch statement]

Source Code:

```
#include<iostream>

using namespace std;

int main()

{

        char ch;

        cout<<"Enter the character From a to z in small order: ";

        cin>>ch;

        switch (ch=='a'|| ch=='e'|| ch=='i' || ch=='o' || ch=='u')

        {

                case 1:

                        {
```

```
                              cout<<ch<<" is a vowel";

                              break;

                    }

          default:

                    cout<<ch<<" is a consonant";


          }

          return 0;

}
```
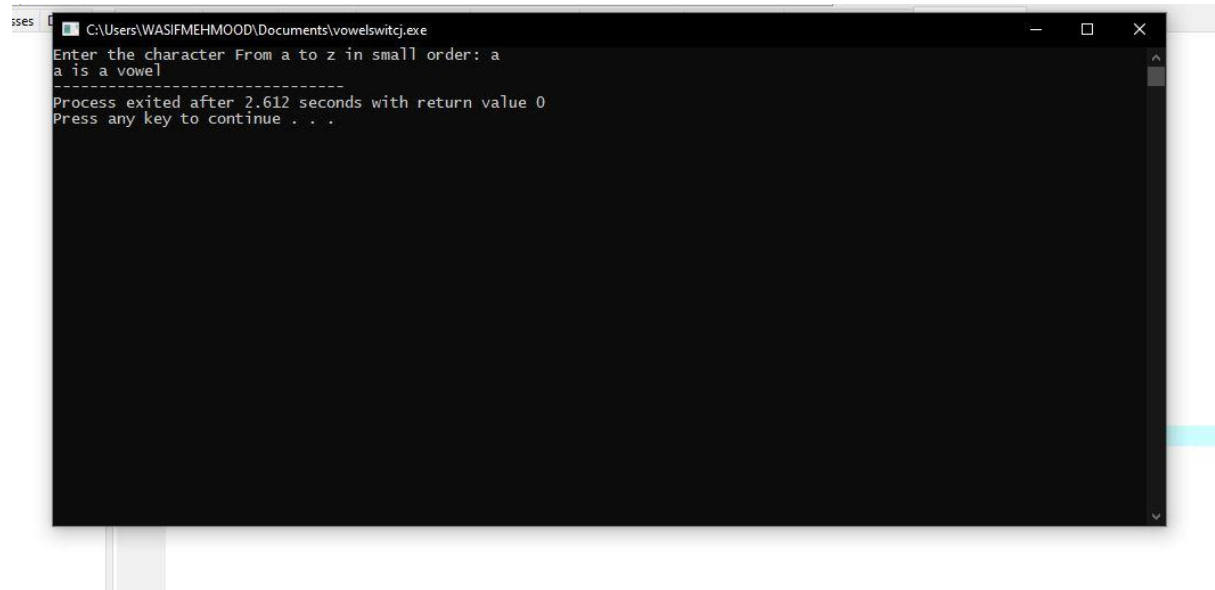
Output:

```
Enter the character From a to z in small order: a
a is a vowel
--------------------------------
Process exited after 2.612 seconds with return value 0
Press any key to continue . . .
```