

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.

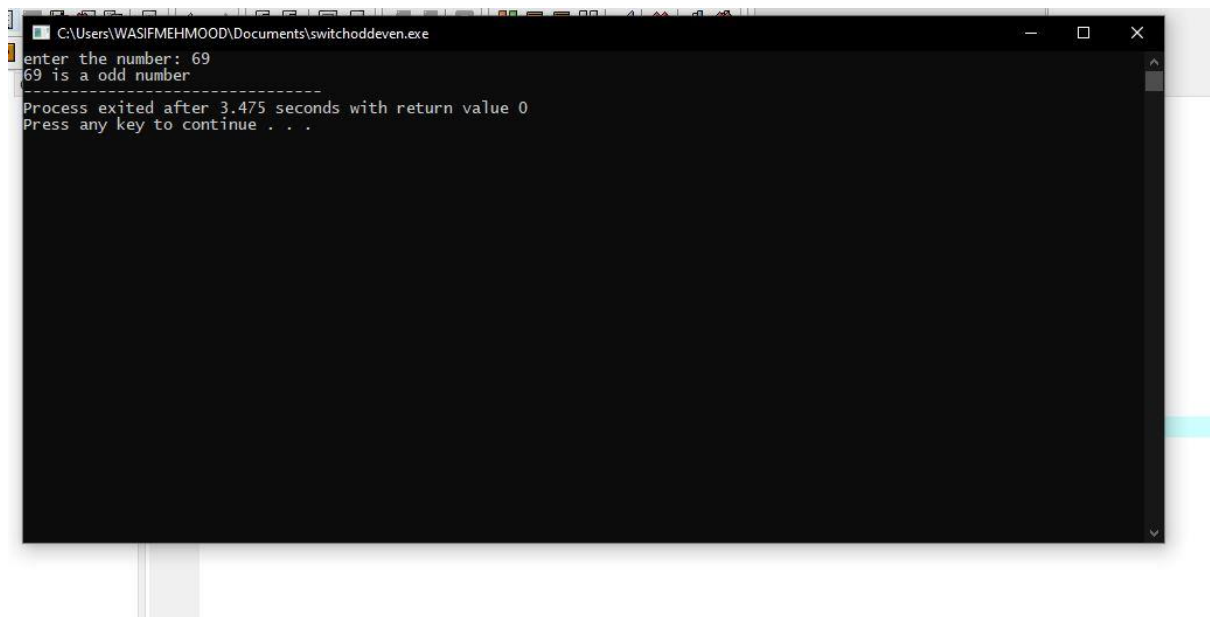
[Use switch statement]

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

Source Code:

```
#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;

}

```

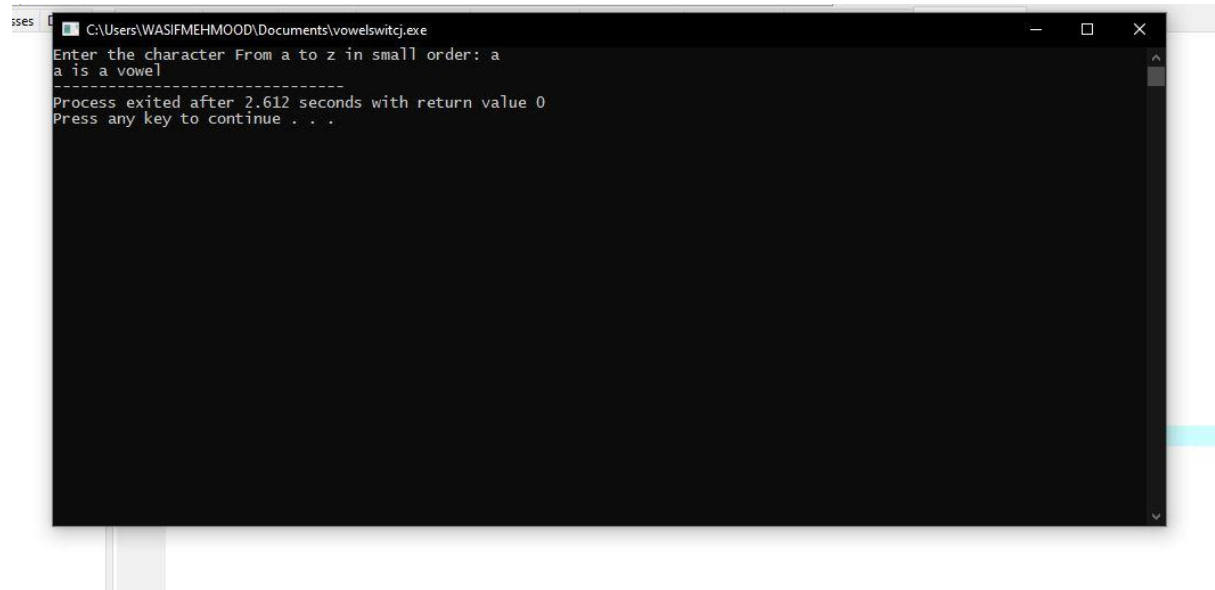
Output:

The screenshot shows a C++ IDE with a file explorer at the top listing various files. The code editor displays the first two lines of the program: `1 #include<iostream>` and `2 using namespace std;`. The output window, titled `C:\Users\WASIFMEHMOOD\Documents\vowelswiltcj.exe`, shows the following text:

```

Enter the character From a to z in small order: q
q is a consonant
-----
Process exited after 1.779 seconds with return value 0
Press any key to continue . . .

```



```
sses C:\Users\WASIFMEHMOOD\Documents\vowelswictj.exe
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 . . .
```