NAME: MAQSOOD AHMED

ID: 38186

PROGRAM: BS(CS)

LAB TASK #08

Q1: Write C++ Program to take the value from the user as input any alphabet and check whether it is vowel or consonant. Using the switch statement.

Code and Output:

```cpp
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      char c;
7      cout<<"Enter the letter?\n";
8      cin>>c;
9      if((c == 'a' || c == 'A') || (c == 'e' || c == 'E') || (c == 'i' || c == 'I') || (c == 'o' || c == 'O') || (c == 'u' || c == 'U')){
10         cout<<c<<" is a Vowel\n";
11     }
12     else{
13         cout<<c<<" is consonant\n";
14     }
15 }
```

```
input
Enter the letter?
a
a is a Vowel
```

Q2: Write C++ Program to take the value from the user as input the month number and print number of days in that month. Using switch statement.

Code and Output:

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

int main()
{
    int N;
    cout<<"Enter the month number: ";
    cin>>N;
    switch(N){
        case 1:
            cout<<"January month has 31 Days\n";
            break;
        case 2:
            cout<<"Febuary month has 28 Days\n";
            break;
        case 3:
            cout<<"March month has 31 Days\n";
            break;
        case 4:
            cout<<"April month has 30 Days\n";
            break;
        case 5:
            cout<<"May month has 31 Days\n";
            break;
        case 6:
            cout<<"June month has 30 Days\n";
            break;
        case 7:
            cout<<"July month has 31 Days\n";
            break;
        case 8:
            cout<<"August month has 30 Days\n";
            break;
        case 9:
            cout<<"September month has 31 Days\n";
            break;
        case 10:
            cout<<"October month has 30 Days\n";
            break;
        case 11:
            cout<<"November month has 31 Days\n";
            break;
        case 12:
            cout<<"December month has 30 Days\n";
            break;
        default:
            cout<<"Please type valid number!\n";
            break;
```

```
/tmp/VB6pEPv1b3.o
Enter the month number: 11
November month has 31 Days
```

THE END