```cpp
/*                    Online C++ Compiler.
              Code, Compile, Run and Debug C++ program online.
Write your code in this editor and press "Run" button to compile and execute it.

*******************************************************************/

#include<iostream>
using namespace std;
int main() {
    char n;
    cout<<"ENTER ANY ALPHABET: ";
    cin>>n;
   if(n =='A'||n=='E'||n=='I'||n=='O'||n=='U'||n=='a'||n=='e'||n=='i'||n=='o'||n=='u')
    {
        cout<<"VOWEL";
    }
    else if(n =='B'||n=='C'||n=='D'||n=='F'||n=='G'||n=='H'||n=='J'||n=='K'||n=='L'||n=='M'||n=='N'||n=='P'||n=='Q'||n=='R'||n=='S'
    {
      cout<<"CONSONANTS";
    }
    else
    {
        cout<<"INVALID INPUT";
    }
   return 0;
}
```

```
ENTER ANY ALPHABET: 1
INVALID INPUT

...Program finished with exit code 0
Press ENTER to exit console.
```

```cpp
#include<iostream>
using namespace std;
int main() {
     char n;
    cout<<"ENTER ANY ALPHABET: ";
    cin>>n;
  if(n =='A'||n=='E'||n=='I'||n=='O'||n=='U'||n=='a'||n=='e'||n=='i'||n=='o'||n=='u')
    {
        cout<<"VOWEL";
    }
    else if(n =='B'||n=='C'||n=='D'||n=='F'||n=='G'||n=='H'||n=='J'||n=='K'||n=='L'||n=='M'||n=='N'||n=='P'||n=='Q'||n=='R'||n=='S'||n=='T'
||n=='V'||n=='W'||n=='X'||n=='Y'||n=='Z'||n=='b'||n=='c'||n=='d'||n=='f'||n=='g'||n=='h'||n=='i'||n=='j'||n=='k'||n=='l'||n=='m'||n=='n'
||n=='p'||n=='q'||n=='r'||n=='s'||n=='t'||n=='v'||n=='w'||n=='x'||n=='y'||n=='z')
    {
      cout<<"CONSONANTS";
    }
    else
    {
        cout<<"INVALID INPUT";
    }
    return 0;
}
```

```cpp
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  *********************************************************************/

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    {
      cout<<"CONSONANTS";
    }
    else
    {
        cout<<"INVALID INPUT";
    }
   return 0;
}
```

input

ENTER ANY ALPHABET: a
VOWEL

...Program finished with exit code 0
Press ENTER to exit console.

main.cpp

```cpp
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*******************************************************************/

#include<iostream>
using namespace std;
int main() {
    char n;
   cout<<"ENTER ANY ALPHABET: ";
   cin>>n;
  if(n =='A'||n=='E'||n=='I'||n=='O'||n=='U'||n=='a'||n=='e'||n=='i'||n=='o'||n=='u')
   {
       cout<<"VOWEL";
   }
    else if(n =='B'||n=='C'||n=='D'||n=='F'||n=='G'||n=='H'||n=='J'||n=='K'||n=='L'||n=='M'||n=='N'||n=='P'||n=='Q'||n=='R'||n=='S'
   {
     cout<<"CONSONANTS";
   }
   else
   {
       cout<<"INVALID INPUT";
   }
   return 0;
}
```

input

```
ENTER ANY ALPHABET: d
CONSONANTS

...Program finished with exit code 0
Press ENTER to exit console.
```