C++ Program to Check Whether a character is Vowel or Consonant(vowelcons)

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

int main() {
    char c;
    bool Lowercase, Uppercase;

    cout << "Enter an alphabet: ";
    cin >> c;

    // evaluates to 1 (true) if c is a lowercase vowel
    Lowercase = (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u');

    // evaluates to 1 (true) if c is an uppercase vowel
    Uppercase = (c == 'A' || c == 'E' || c == 'I' || c == 'O' || c == 'U');

    // show error message if c is not an alphabet
    if (!isalpha(c))
        printf("Error! Non-alphabetic character.");
    else if (Lowercase || Uppercase)
        cout << c << " is a vowel.";
    else
        cout << c << " is a consonant.";

    return 0;
}
```

C++ Program to Find Largest Number Among Three Numbers

```cpp
#include <iostream>
using namespace std;
int main() {

    double n1, n2, n3;

    cout << "Enter three numbers: ";
    cin >> n1 >> n2 >> n3;

    // check if n1 is the largest number
    if(n1 >= n2 && n1 >= n3)
```

```cpp
        cout << "Largest number: " << n1;

    // check if n2 is the largest number
    else if(n2 >= n1 && n2 >= n3)
        cout << "Largest number: " << n2;

    // if neither n1 nor n2 are the largest, n3 is the largest
    else
        cout << "Largest number: " << n3;

    return 0;
}
```