

main.cpp

Run Output

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     cout<<"Qazi abulaala"<<endl;
6     int totalSeconds;
7     cout << "Enter total seconds: ";
8     cin >> totalSeconds;
9
10    int hours = totalSeconds / 3600;
11    int remainingSeconds = totalSeconds % 3600;
12
13    int minutes = remainingSeconds / 60;
14    int seconds = remainingSeconds % 60;
15
16    cout << hours << " hrs " << minutes << " mins " << seconds << " secs" << endl;
17
18    return 0;
19 }
20
```

Qazi abulaala
Enter total seconds: 2
0 hrs 0 mins 2 secs
==== Code Execution Successful ===

```

1 #include <iostream>
2 #include <cmath> // For math functions
3 using namespace std;
4
5 int main() {
6     cout<<"Qazi abulaala"<<endl;
7     int choice;
8     int int1, int2;
9     float float1, float2;
10    double num;
11
12    do {
13        cout << "\n--- Calculator Menu ---\n";
14        cout << "1. Add two integers\n";
15        cout << "2. Subtract two integers\n";
16        cout << "3. Multiply two integers\n";
17        cout << "4. Divide two integers\n";
18        cout << "5. Add two floating point numbers\n";
19        cout << "6. Subtract two floating point numbers\n";
20        cout << "7. Multiply two floating point numbers\n";
21        cout << "8. Divide two floating point numbers\n";
22        cout << "9. Sine\n";
23        cout << "10. Cosine\n";
24        cout << "11. Tangent\n";
25        cout << "12. Square root\n";
26        cout << "13. Square\n";
27        cout << "14. Cube\n";
28        cout << "15. Exit\n";
29        cout << "Enter your choice: ";
30        cin >> choice;
31
32    switch (choice) {
33        case 1:
34            cout << "Enter two integers: ";

```

Qazi abulaala

```

--- Calculator Menu ---
1. Add two integers
2. Subtract two integers
3. Multiply two integers
4. Divide two integers
5. Add two floating point numbers
6. Subtract two floating point numbers
7. Multiply two floating point numbers
8. Divide two floating point numbers
9. Sine
10. Cosine
11. Tangent
12. Square root
13. Square
14. Cube
15. Exit
Enter your choice: 12
Enter number: 13
Square root: 3.60555

--- Calculator Menu ---
1. Add two integers
2. Subtract two integers
3. Multiply two integers
4. Divide two integers
5. Add two floating point numbers
6. Subtract two floating point numbers
7. Multiply two floating point numbers
8. Divide two floating point numbers
9. Sine
10. Cosine
11. Tangent

```

```
1 // Online C++ compiler to run C++ program online
2 #include <iostream>
3 using namespace std;
4
5 int main() {
6     cout << "Qazi Abulaala" << endl;
7
8     char ch;
9     cout << "Enter grade: ";
10    cin >> ch;
11
12    switch (ch) {
13        case 'A':
14        case 'a':
15            cout << ">90" << endl;
16            break;
17        case 'B':
18        case 'b':
19            cout << "80-89" << endl;
20            break;
```

Qazi Abulaala
Enter grade: a
>90

==== Code Execution Successful ===

The screenshot shows a code editor interface with a sidebar containing icons for various languages: Python, R, Shell, SQL, HTML, CSS, Java, C++, Go, Docker, JavaScript, and TypeScript. The main area displays a C++ file named `main.cpp`. The code prints "Qazi Abulaala" to the console, prompts the user to enter a letter, and then checks if the entered letter is a vowel ('a', 'e', 'i', 'o', or 'u'). If it is, it outputs "Vowel"; otherwise, it outputs "Non vowel". The output panel shows the program's execution and the user's input "u", which is identified as a vowel.

```
main.cpp

3 using namespace std;
4
5 int main() {
6     cout << "Qazi Abulaala" << endl;
7     char word;
8     cout << "Enter letter: ";
9     cin >> word;
10    if (word == 'a' || word == 'A' ||
11        word == 'e' || word == 'E' ||
12        word == 'i' || word == 'I' ||
13        word == 'o' || word == 'O' ||
14        word == 'u' || word == 'U') {
15        cout << "Vowel" << endl;
16    } else {
17        cout << "Non vowel" << endl;
18    }
19
20    return 0;
21 }
22
```

Output

```
Qazi Abulaala
Enter letter: u
Vowel
==== Code Execution Successful ===
```

The screenshot shows a web-based C++ compiler interface. On the left, there's a vertical toolbar with various icons for file operations like Open, Save, Print, and Run. The main area has tabs for "main.cpp" and "Output". The "Run" button is highlighted in blue. The code editor contains the following C++ code:

```
1 // Online C++ compiler to run C++ program online
2 #include <iostream>
3 using namespace std;
4 int main() {
5     cout << "Qazi abulaala" << endl;
6     int num;
7
8     cout << "Enter temp" << endl;
9     cin >> num;
10
11    if (num > 35) {
12        cout << "It is hot day" << endl;
13    } else if (num >= 25 && num <= 35) {
14        cout << "It is pleasant day" << endl;
15    } else {
16        cout << "It is cool day" << endl;
17    }
```

The "Output" tab shows the execution results:

```
Qazi abulaala
Enter temp
20
It is cool day
==== Code Execution Successful ===
```