Code:

1. Write a program using C++ to find the largest number from four integers.

```cpp
#include <iostream>
using namespace std;
int main()
{
    int a, b, c, d;
    cout << "Enter four integers: ";
    cin >> a >> b >> c >> d;
    if (a > b)
    {
        if (a > c)
        {
            if (a > d)
            {
                cout << "The largest number is " << a << endl;
                return 0;
            }
        }
    }
    if (b > a)
    {
        if (b > c)
        {
            if (b > d)
            {
                cout << "The largest number is " << b << endl;
                return 0;
            }
        }
    }
    if (c > a)
    {
        if (c > b)
        {
            if (c > d)
            {
                cout << "The largest number is " << c << endl;
                return 0;
            }
        }
    }
    if (d > a)
    {
        if (d > b)
        {
            if (d > c)
            {
                cout << "The largest number is " << d << endl;
            }
        }
    }
}
```

Output:

```
Enter four integers: 25 49 19 10
The largest number is 49
```

2. Write a program using C++ to calculate CGPA.

```cpp
#include <iostream>
using namespace std;
int main()
{
    float theory_1, theory_2, theory_3, theory_4, lab_1, lab_2, lab_3;
    float total_credit = 16.5, lab_credit = 1.5, theory_credit = 3;
    cout << "Enter the GPA of 2211 theoretical: ";
    cin >> theory_1;
    cout << "Enter the GPA of 2221 theoretical: ";
    cin >> theory_2;
    cout << "Enter the GPA of 2231 theoretical: ";
    cin >> theory_3;
    cout << "Enter the GPA of 2241 theoretical: ";
    cin >> theory_4;
    cout << "Enter the GPA of 2212 sessional: ";
    cin >> lab_1;
    cout << "Enter the GPA of 2222 sessional: ";
    cin >> lab_2;
    cout << "Enter the GPA of 2232 sessional: ";
    cin >> lab_3;
    float gpa = ((theory_1 * theory_credit) + (theory_2 * theory_credit)
    + (theory_3 * theory_credit) + (theory_4 * theory_credit) +
    (lab_1 * lab_credit) + (lab_2 * lab_credit) + (lab_3 * lab_credit)) /
    total_credit;
    cout << endl << "The GPA is " << gpa;
}
```

Output:

```
Enter the GPA of 2211 theoretical: 4
Enter the GPA of 2221 theoretical: 4
Enter the GPA of 2231 theoretical: 4
Enter the GPA of 2241 theoretical: 4
Enter the GPA of 2212 sessional: 4
Enter the GPA of 2222 sessional: 4
Enter the GPA of 2232 sessional: 4

The GPA is 4
```