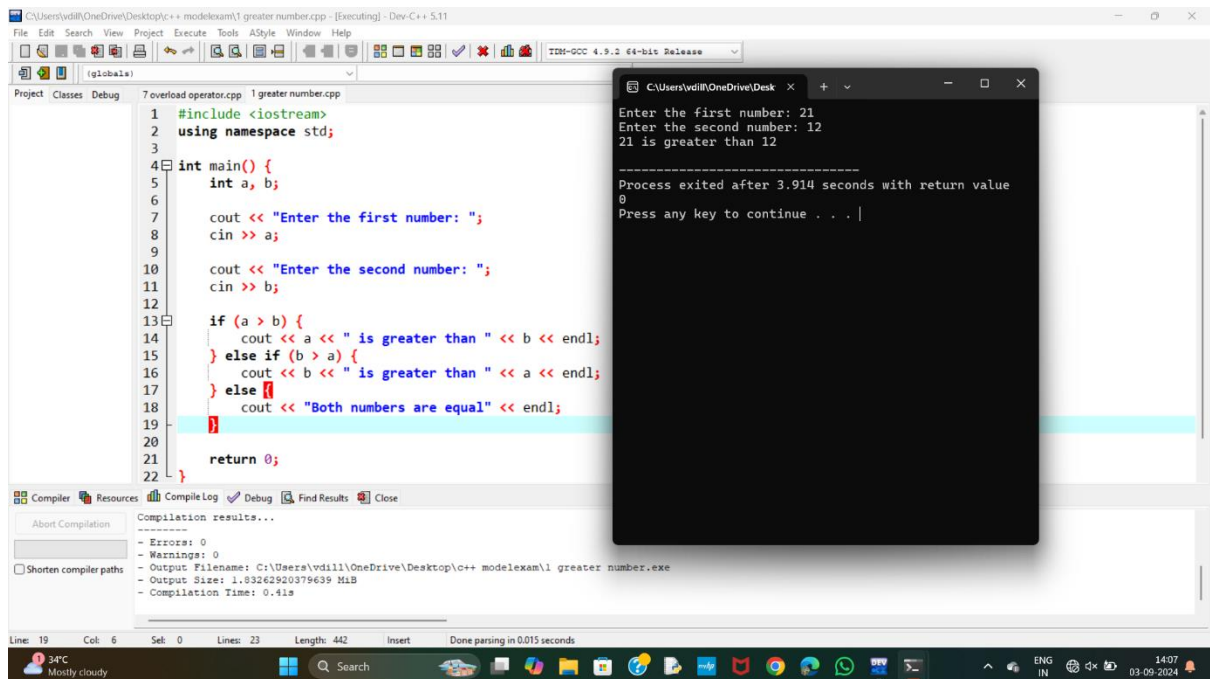


MODEL PRATICAL EXAMINATION

OBJECT ORIENTED PROGRAMMING WITH C++

1.GREATER NUMBER

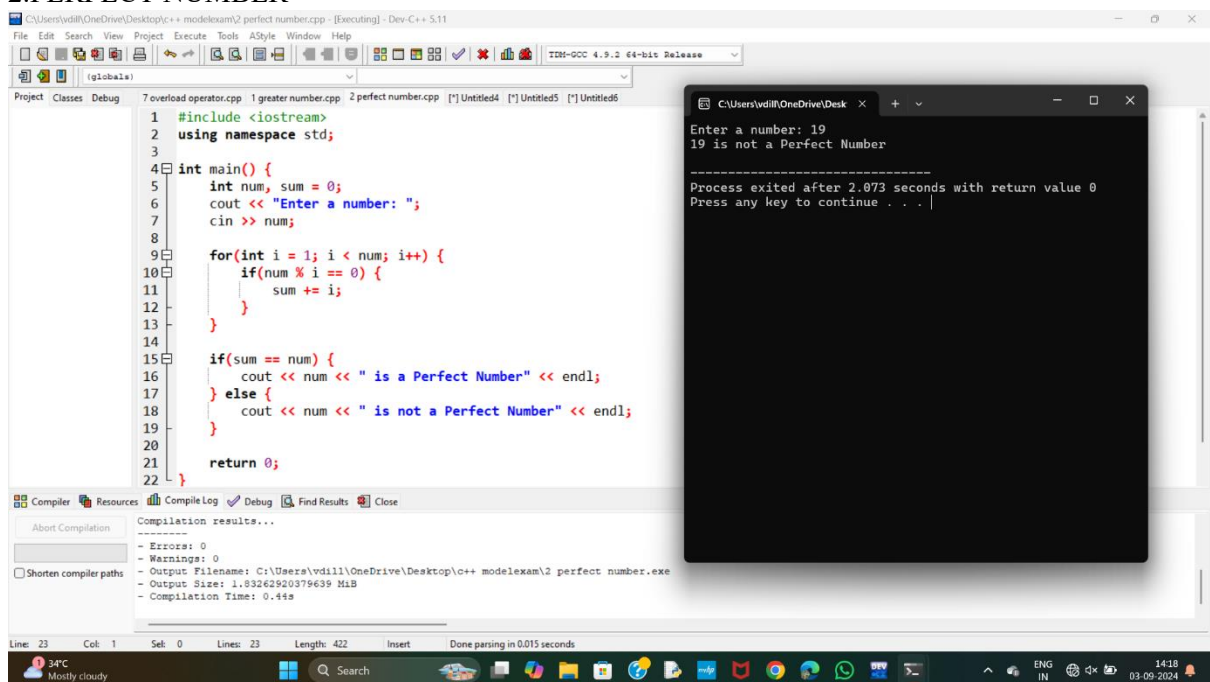


```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int a, b;
6
7     cout << "Enter the first number: ";
8     cin >> a;
9
10    cout << "Enter the second number: ";
11    cin >> b;
12
13    if (a > b) {
14        cout << a << " is greater than " << b << endl;
15    } else if (b > a) {
16        cout << b << " is greater than " << a << endl;
17    } else {
18        cout << "Both numbers are equal" << endl;
19    }
20
21    return 0;
22 }
```

Enter the first number: 21
Enter the second number: 12
21 is greater than 12

Process exited after 3.914 seconds with return value 0
Press any key to continue . . . |

2.PERFECT NUMBER



```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int num, sum = 0;
6     cout << "Enter a number: ";
7     cin >> num;
8
9     for(int i = 1; i < num; i++) {
10        if(num % i == 0) {
11            sum += i;
12        }
13    }
14
15    if(sum == num) {
16        cout << num << " is a Perfect Number" << endl;
17    } else {
18        cout << num << " is not a Perfect Number" << endl;
19    }
20
21    return 0;
22 }
```

Enter a number: 19
19 is not a Perfect Number

Process exited after 2.073 seconds with return value 0
Press any key to continue . . . |

