

C++ LAB 2 PROJECT

C++ Lab 2: General arithmetic operations

User Requirements

Create a command line program that calculates the square, cube and modulus based on the user input as described below.

```
Enter an integer to be squared: 3
3 squared equals 9

Enter an integer to be cubed: 2
2 cubed equals 8

Enter integer 1: 21
Enter integer 2: 9
The remainder of 21 divided by 9 equals 3
```

Software Requirements

Your program must declare the following whole number variables.

- userNumToBeSquared
- userNumToBeCubed
- userNum1
- userNum2
- squaredResult
- cubedResult
- modulusResult