**Task 1**

Description:

Creating a simple calculator in C programming using the

If selection statement,

switch Multiple selection statement,

while iteration Statement,

Counter Control iteration,

This program takes an arithmetic operator +, -, \*, / and two operands from the user. Then, it performs the calculation on the two operands depending upon the operator entered by the user.

The \* operator entered by the user is stored in op. And, the two operands, 1.5 and 4.5 are stored in first and second respectively.

Since the operator \* matches case '\*':, the control of the program jumps to

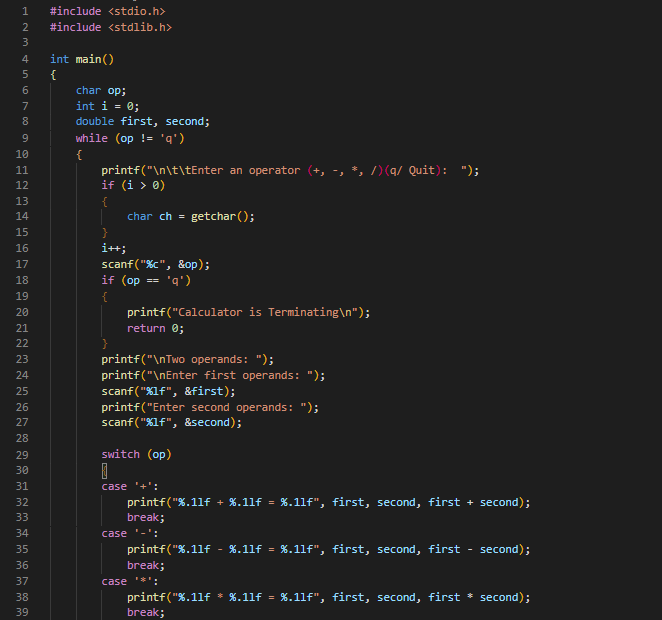
printf("%.1lf \* %.1lf = %.1lf", first, second, first \* second);

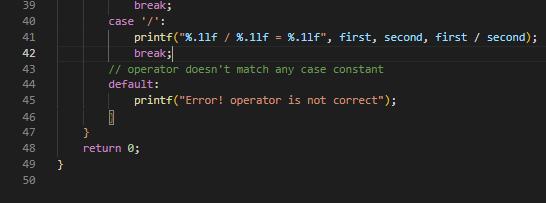
This statement calculates the product and displays it on the screen.

To make our output look cleaner, we have simply limited the output to one decimal place using the code %.1lf.

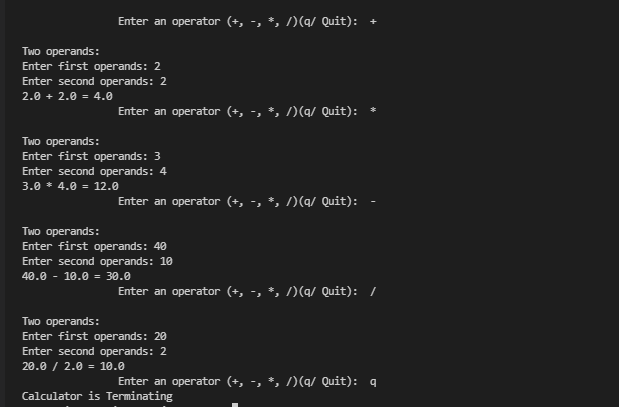
Finally, the break; statement ends the switch statement

**Code:**

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**Output:**

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