

Design: Assignment 1 c7612

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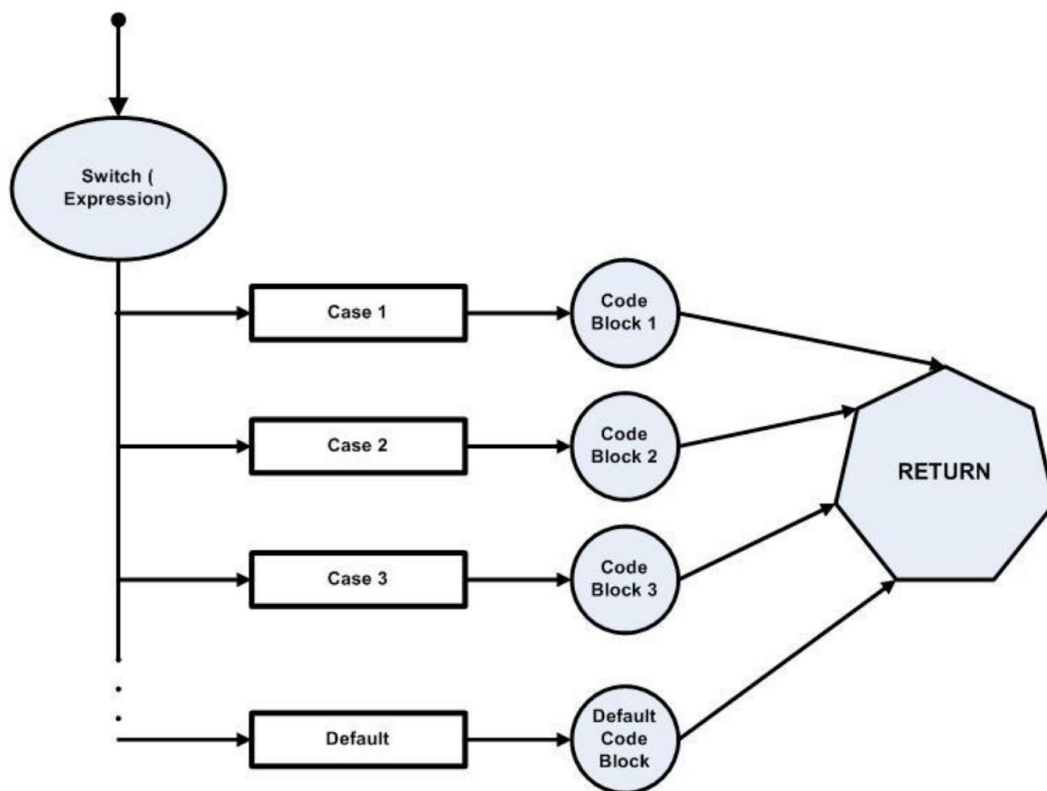
About

The switch program is very simple. It prompts the user for 4 numbers and then proceeds to simulate the operation of a switch and executes an appropriate code block based on the user's input.

Usage

To compile the program the user can either use the commands listed in the header of the program or simply run the makefile by calling "make" in the root directory of the project.

Design



Pseudocode

Read and store 4 values from user
Convert input from strings into integers
Validate user input

Increment input4

Switch (input4) {

Case 0:

num = input1 * input2

Output "case 0:", num

Break;

Case 1:

num = input2 * input3

Output "case 1:", num

Break;

Case 2:

num = input3 - input1

Output "case 0:", num

Break;

Case 3:

num = input1 - input3

Output "case 0:", num

Break;

Default:

Output "default"

}