**CREATING A MENU DRIVEN ARITHMETIC CALCULATOR**

**Steps:**

1. Initialize four variables (a,b,ch,proceed) where,

-ch is user's choice to decide the arithmetic operation

-a and b are two numbers to perform arithmetic operations

-proceed is again the user's choice to continue the process or to exit.

2. Start the do-while loop

-it executes the needed content until the condition becomes false.

3. Display the menu.

4. Ask user to enter the choice.

5. Start if- else

-if the entered choice is valid , ask user to enter the numbers for the operation.

-otherwise, print "Try again later..! your choice must range from 1to4.”

6. Then created the switch case.

-The first case is to perform addition.

-The second case is to perform subtraction.

-The third case is to perform multiplication.

-The fourth case is to perform division.

7. Then print a message to continue or exit the do-while loop.

8. Get input from user as yes or no.

-If yes, the loop will continue to execute.

-otherwise, the program will exit.