**Arithmetic Calculator**

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**Github:** <https://github.com/poorviacharya44/Phase1PracticeProjects/tree/master/EmpId_2500928_Poorvi_R/Phase1Projects/PracticeProject-Calculator>

Description of the project:

This calculator program performs the four basic arithmetic operations (addition subtraction, multiplication, and division).In this program we ask user to enter two numbers and then we display a menu of choices by using switch case from which they can perform the above operations we keep this inside while(true)loop, it makes sure the menu keeps re-appearing again and again until the case containing

System.exit(0) is selected by user as choice. Since while condition is always true so control keeps on entering the while loop repetitively. when user selects 0 as input then the control moves out of the loop and menu stops to appear on screen. Each case contains separate functionality, each case helps us perform different operations like addition, subtraction, multiplication and division, etc. Default case contains the code or logic in case they select any invalid choice which application doesn't recognizes break statement is applied at the end of each case to make sure the control passes outside the loop once the case ends