**Java Program for Arithmetic Calculator**

End

Remainder

Divide

Multiplication

Subtraction

Addition

Exit

Case 5

Case 4

Case 3

Case 2

Case1

Switch choice

Read choice

Display calculator options

Read a Read b

Start

This program will read two integer numbers and calculate the arithmetic operators, in this example we used switch case and if else statement. User will enter a choice after entering two numbers and based on user choice program will return the result.

**Steps for arithmetic Calculator:**

STEP 1: Instantiate the Static main class

STEP 2: Declare a double variable and declare the Scanner class.

STEP 3: Initialize two numbers and the operator using the Scanner class

STEP 4: The operator is passes into the switch case and matched with the correct case numbers.

STEP 5: Once the correct case is reached, the loop is terminated, and compiler prints the result