**Calculator part 2 Algorithm**

Import .util.\* for scanner. Instantiate new scanner object. create variarables for user input1, input2, result, operator. display menu options to include an exit program. prompt for inputs.

**do...while loop** to repeat menu until user choses to exit

**CASE OF Operator**

A. CALCULATE result = input1 + input2

DISPLAY The sum of input1 and input2 is result

BREAK

B. CALCULATE result = input1 - input2

DISPLAY The subtraction of input1 and input2 is result

BREAK

C. CALCULATE result = input1 \* input2

DISPLAY The multiplication of input1 and input2 is result

BREAK

D. CALCULATE result = input1 / input2

DISPLAY The division of input1 and input2 is result

BREAK

X.DISPLAY Good Bye!

System.exit(0);

DEFAUlT: DISPLAY Invalid selection

System.exit(0);

**END CASE**

DISPLAY “Out of switch structure.”