**Question # 5**

**ALGORITHM:**

Step # 01: Start the program.

Step # 02: Declare variables, num1, num2, operator, result.

Step # 03: Print “Enter the first number”

Step # 04: Input num1

Step # 05: Print “Enter the operator ( +, -, /, \*, %)”

Step # 06: Input operator.

Step # 07: Print “Enter the second number”.

Step # 08: Input num2.

Step # 09: If operator== +  
 Print “Result=num1+num2”

Step # 10: Else-if operator == -  
 Print “Result= num1-num2”

Step # 11: Else-if operator == /

Print “Result= num1/num2”

Step # 12: Else-if operator == \*

Print “Result= num1\*num2”

Step # 13: Else-if operator == %

Print “Result= num1%num2”

Step # 14: Else, Print “Invalid operator, please use only (+, -, /, \*, %)”.

Step # 15: Stop the program.