**Pseudo-code:**

1.Find if the number is a multiple of 5.

START

INPUT number

IF number%5 == 0

PRINT(“ The number is a multiple of five.”)

ELSE

PRINT(“THE number is not a multiple of five.”)

2. Check if a character is upper case or lower case.

START

//Input/Output

INPUT character

//Variables and initialization

SET character

//Conditional Statements

IF character == A,B,C,D,E,F,G,H,IK,L,

M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z,

PRINT (“The character is in upper case.”)

ELSE

PRINT (“The character is in lower case”.)

END

3.Creat a small calculator which only does sum ‘+’ or ‘\*’ operations.

START

//Input/Output

INPUT number1

INPUT number2

INPUT operator

//Variable and initialization

SET answer to 0

//Process steps

answer = numbr1 operator number2

PRINT(“Answer = answer”)

END

4.Check wether a given number is positive, negative or zero.

START

//Input/Output

INPUT number

//Conditional Statement

IF number > 0

PRINT (“The number is positive.”)

ELSE IF number < 0

PRINT(“The number is negative.”)

ELSE

PRINT (“The number is zero.”)

END

5. Determine if a person is a teenager (between 13 to 19).

START

//Input/Output

INPUT x

//variables and initialization

SET age to x

//Conditional statments

IF ( 13 =< age >= 19)

PRINT (“The person is a teenager”)

ELSE

PRINT (“The person is not a teenager”)

END