**QUESTION#1) Find if the number is multiple of 5.**

1. START
3. // input
4. INPUT number1
5. // Process Steps
6. SET remainder to number1%5
8. //Conditional Statements
9. IF remainder = 0 THEN
10. PRINT “The number is multiple of 5”
11. ElSE
12. PRINT “The number is not a multiple of 5”
13. END

**QUESTION#2** **Check if a character is uppercase or lowercase.**

START

//Input

INPUT character1

//variables and initialization

SET uppercase to [A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z]

SET lowercase to

[a,b,c,d,e,f,g,h,I,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z]

// Conditional Statements

IF character1 == uppercase THEN

PRINT “Character is uppercase”

ELSE

PRINT “Character is lowercase”

END

**QUESTION#3** **Create a small calculator which only does ‘+’ or ‘\*‘Operations. (Hint: Take three variable inputs**

**with one being used for the operator)**

START

// Input

INPUT variable1

INPUT variable2

INPUT operation

// Process Steps

SET operation to number1 (operation) number2

// Conditional Statements

IF operation = + THEN

PRINT “number1+number2”

ELSE

PRINT “number1\*number2”

END

**QUESTION#5) Determine if a person is a teenager (between 13 and 19 years old).**

START

//Input

INPUT age1

//Conditional statements

IF age1 >= 13 && age1 <= 19 THEN

PRINT ‘’You are a teenager”

ELSE

PRINT “You are not a teenager”

END

**QUESTION#4** **Check whether a given number is positive, negative, or zero.**

1)START

2)

3)// Input

4)INPUT number1

5)

6)// Conditional Statement

7) IF number1=0 THEN

8) PRINT “The number is equal to 0”

9) ELSE

10)

11)// Conditional Statement

12) IF number1>0 THEN

13) PRINT “The number is positive”

14) ELSE

15) PRINT “The number is negative”

16)END