

## PSEUDOCODE EXAMPLE

BEGIN

1. DECLARE (here will go the names of your variables)
2. (Use keywords like COMPUTE, CALCULATE, etc. )
3. IF (x == z)
  - a. PRINT "something"

ELSE

- b. PRINT "something else"
  - c. Return x
4. READ (user input variable)
5. DISPLAY (output)
6. CREATE (switch case, etc.. Give small description)
7. CALCULATE the .... of the.... by doing ...
8. PRINT "output"
9. SWITCH (condition)

Option A: print A

END SWITCH

10. If ( something == true) OR (somethingElse == true)
  - a. PRINT "something"

START FOR LOOP

11. For (int l = 0; l < x; l++){

Increment ... Decrement... update... etc

PRINT "Something"

END FOR LOOP

END

**\*\*THIS IS ALL JUST AN EXAMPLE YOU WILL UPDATE WITH WHATEVER YOU HAVE\*\***

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Program start
Initialise variable A=0
Initialise variable B
Start infinite loop
    Call function SegConvert with input A
    SegConvert returns value B
    Output B to LED port
    Increment A
    If A > 9
        A=0
    Call function Delay for 500ms
End infinite loop

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**Algorithm 1** Put your caption here

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```

1: procedure ROY(a, b)                                     ▶ This is a test
2:   System Initialization
3:   Read the value
4:   if condition = True then
5:     Do this
6:     if Condition ≥ 1 then
7:       Do that
8:     else if Condition ≠ 5 then
9:       Do another
10:      Do that as well
11:    else
12:      Do otherwise
13:  while something ≠ 0 do                                   ▶ put some comments here
14:    var1 ← var2                                             ▶ another comment
15:    var3 ← var4

```

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