ICTPRG302 - Apply introductory programming techniques –

Session 13 Worksheet

Flowcharts

Task 1. Create a flowchart and python program for the following pseudocode:

WRITE “Enter first number”

INPUT num1

WRITE “Enter second number”

INPUT num2

IF num1 = num2

WRITE “they are equal”

ELSEIF num1 < num2

WRITE “the first number is smaller”

ELSE

WRITE “the second number is smaller”

ENDIF

**Flowchart**

(here)

# Python code (not finished)

print("Enter first number")

num1 = int(input())

… # replace … with your code

… # replace … with your code

if num1 == num2:

pass # replace this with your code

elif num1 < num2:

pass # replace this with your code

else:

pass # replace this with your code

Output:

Graphical user interface, application

Description automatically generated with medium confidence

Task 2. Create a flowchart for the following pseudocode:

count = 0

WHILE count < 10

ADD 1 to count

WRITE count

ENDWHILE

WRITE “The end”

**Flowchart**

(here)