



PROGRAMMING TECHNIQUE 1 (SECJ1013)

SEM 1, 2024/2025

TITLE	LAB EXERCISE 1
STUDENTS' NAME	ARINA SOFIAH BINTI HAMEDE
MATRICS NUMBER	A24CS0227
SECTION	03
LECTURER'S NAME	EN. ALIF RIDZUAN BIN KHAIRUDDIN
SUBMISSION DATE	19 OCTOBER 2024

PSEUDOCODE

1. Start
2. Function getSum (int num)
3. Set sum = 0
4. While (num > 0)
 - 4.1 sum = sum + num % 10
 - 4.2 num = num / 10
5. End_While
6. Return sum
7. End

1. Start
2. Get digit
3. Calling getSum (int num)
4. Process result = getSum(digit)
5. Print result
6. If result % 2 == 0
 - 6.1 Print " is an even number "
 - 6.2 Go step 9
7. Else
 - 7.1 Print " is an odd number "
 - 7.2 Go step 9
8. End if
9. If result % 4 == 0 && result % 5 == 0
 - 9.1 Print " & multiples of 4 and 5 "
 - 9.2 Go step 14
10. Else If result % 4 == 0
 - 10.1 Print " & multiples of 4 "
 - 10.2 Go step 14
11. Else If result % 5 == 0
 - 11.1 Print " & multiples of 5 "
 - 11.2 Go step 14
12. Else
 - 12.1 Print " & not multiples of 4 or 5 "
 - 12.2 Go step 14
13. End if
14. End

FLOWCHART

