



**SECJ 1013**

**PROGRAMMING TECHNIQUE 1**

**SEM 1, 2024/2025**

**LAB EXERCISE 1**

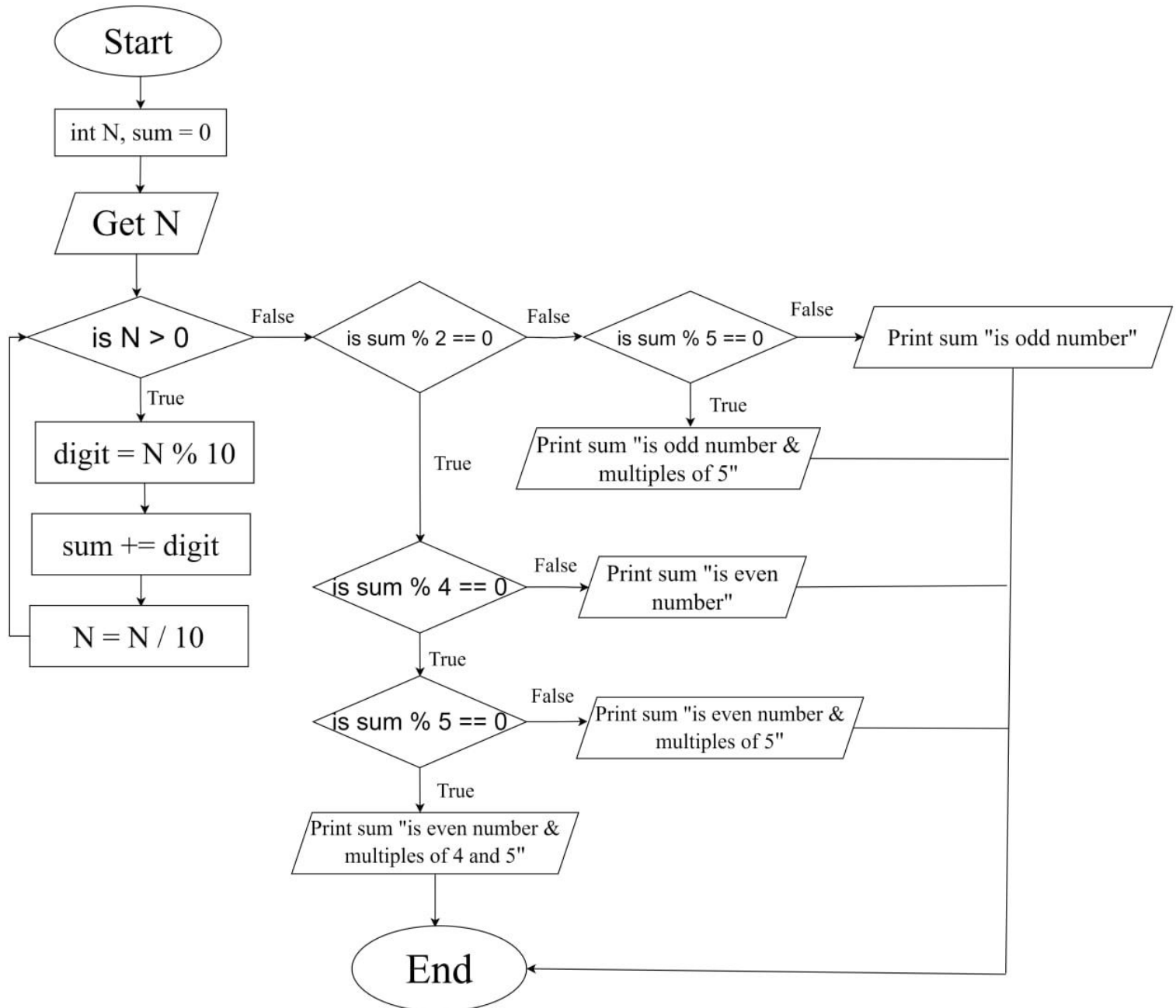
Section: 03

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## Flowchart



## **Pseudocode**

Start

Read N

Initialize sum = 0

WHILE N > 0

DO digit = N % 10

sum += digit

N = N / 10

End While

IF sum % 2 = 0

IF (sum % 4 = 0 and sum % 5 = 0)

Print sum "is even number & multiples of 4 and 5"

ELSE IF (sum % 4 = 0)

Print sum "is even number & multiples of 4"

ELSE IF (sum % 5 = 0)

Print sum "is even number & multiples of 5"

ELSE

Print sum "is even number"

ELSE

IF (sum % 5 = 0)

Print sum "is odd number & multiples of 5"

ELSE

Print sum "is odd number"

END