# Programming Using C

Week-0

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ROLL NO: 241501128

GE23131 - Programming Using C

Ex. No.: OT I

Date: 24 10 2024

# Calculate Area and Perimeter

Write an Algorithm and draw a Flowchart to Calculate the area and perimeter of a square.

## Algorithm:

STEP1: Start STEP2: Declare variable a, b, C

STEP 3 : b=4a

STEP 5 : execute b, C

STEP 6 : Stop

## Flowchart:

[6=4xa] Shop

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Ex. No.: 02 II

Date: 14/10/2024

# Days to Year Conversion

Write an Algorithm and draw a Flowchart to convert the given days into years & months.

## Algorithm:

STEP: 1 : Stant

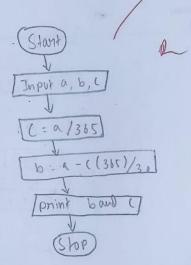
STEP: 2: Declare variable a, b, C

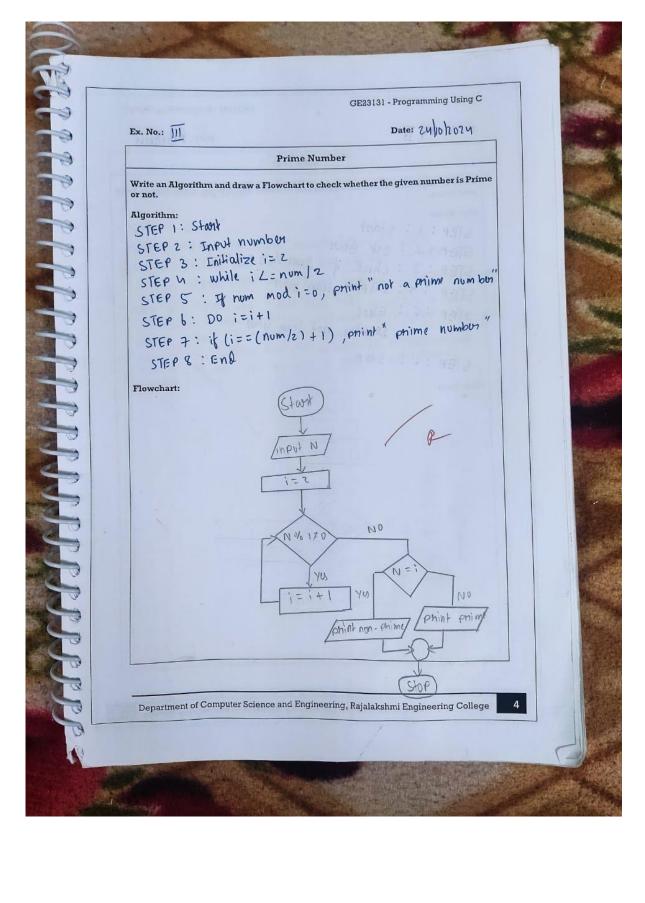
STEP: 3: Years, C = \( \alpha / 365 \)
STEP: 4: Monthy, b = \( \alpha - \cup (\) 365

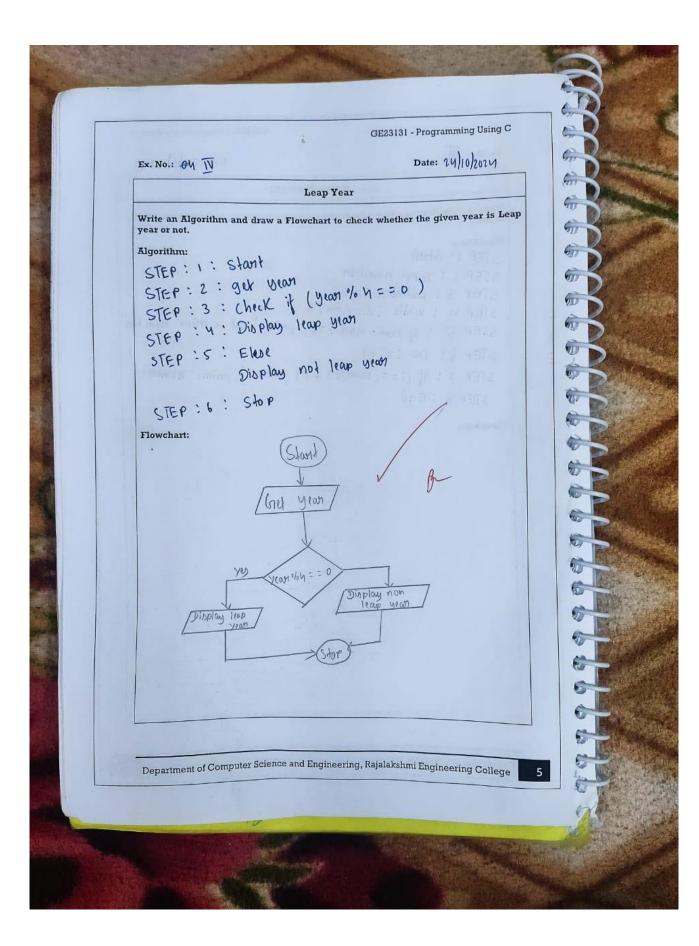
STEP: 5: Execute band C

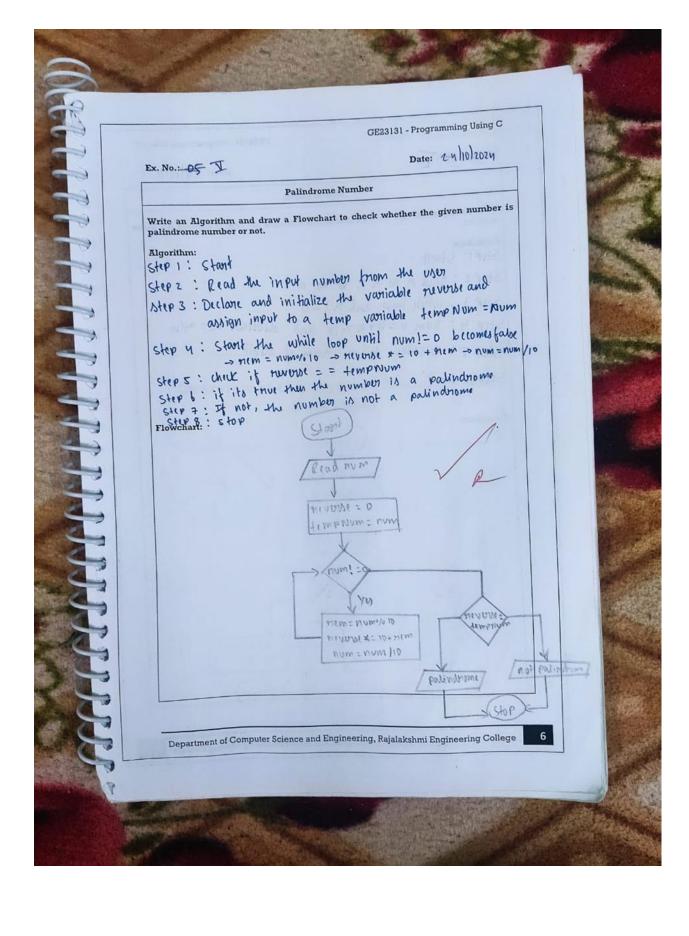
STEP: 6: Stop

# Flowchart:









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Ex. No.: 06 VI

Date: 24/10/2024

# Sum of Digits

Write an Algorithm and draw a Flowchart to calculate the sum of digits in the given

# Algorithm:

Step 1: Stant

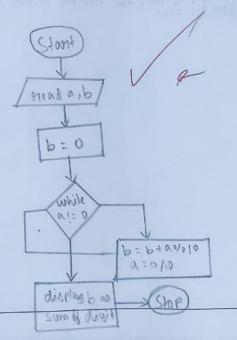
Step 2: nead a as a, b as o

Step 3: while loop and a != 0 Step 4: Sum b=b+a %, 10 and demease a = a/10

Step 5: Display to as sum of digit

Step6: Stop

Flowchart:



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