Week 3 Lecture :1 Practice Sheet Based on Control statement

Monday, 11 August 2025   10:28 AM

SHEET - 1 Control Statement: :1
(if, elif , else)
1. Read a number and check if it is divisible by 7.
2. WAP to check if the last digit is 4.
3. WAP to check if the number is divisible by 3 and the last digit is 4.
4. WAP to check if the number is divisible by 7 or if the last digit is 5.
5. Take an integer A as input. You have to tell whether A is divisible by both 5 and 11 or not.
6. Read three integers and print their maximum.
7. Read three angles of triangles and determine their types(Right triangle, Obtuse triangle, Acute triangle).
8. WAP to check whether a person is eligible to vote or not.
9. WAP to check whether a year is a leap year or not.
10. WAP to accept a number from 1 to 7 and display the name of the day, like 1 for Sunday, 2 for Monday, etc.
11. Given 5 numbers A, B, C, D, E as input. Print the average of these 5 numbers.
12. You are given 3 integer angles(in degrees), A, B, and C, of a triangle. You have to tell whether the triangle is valid or not. A triangle is valid if the sum of its angles equals 180.
13. Write a program to input two numbers(A & B) from the user and print the maximum element among A & B.
14. Write a program to input three numbers(A, B & C) from the user and print the minimum element among A, B & C.
15. Accept the percentage from the user and display the grade according to the following criteria.

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Below 25 – D

-
25 to 45 – C

-
45 to 65 – B

-
65 to 85 – A

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Above 85 – A+