

DailyFlash 04

Please Take all the inputs from user

Submit the codes before 12 Am

Send Zip folder of codes to c2w.extras@gmail.com

Add screenshot of output in the same zip folder

Subject for the mail is DF-04-YourName-Date

E.g DF-04-Sachin Patil - 5thApril

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Program 1: Write a Program to take all three sides of a triangle from the user and check whether the triangle satisfies the Pythagorean Theorem.

Input:

Side 1 = 3

Side 2 = 4

Hypotenuse = 5

Output: Triangle Satisfies the Pythagorean Theorem.

Program 2: Write a Program to calculate Simple Interest. Taking all essential terms to compute as input.

Program 3: Write a Program to check if a year is leap year or not.

{Note: If a year is divisible by 4 then it is leap year but if the year is century year like 2000, 1900, 2100 then it must be divisible by 400}

Program 4: Write a Program to Print following Pattern

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

Program 5: Write a Program to take marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:

Percentage $\geq 90\%$: Grade A

Percentage $\geq 80\%$: Grade B

Percentage $\geq 70\%$: Grade C

Percentage $\geq 60\%$: Grade D

Percentage $\geq 40\%$: Grade E

Percentage $< 40\%$: Grade F