

UE17CS152: PROBLEM SOLVING WITH C

WEEK8:STRUCTURE, ARRAY OF STRUCTURES AND POINTERS

Program 1:Write a C program to compare 2 dates and print appropriate message using structures.

Program 2:Write a C program to read student details as given in below and compute division and print the result using array of structures and pointers.

1 Student Name

2 SRN

3 Physics

4 Maths

5 EEE

6 Problem Solving with C

7 Mechanical

8 Total

9 Average

10 Division(FCD/FC/SC,..)

11 Result(PASS/FAIL)

Division must be as follows

FIRST CLASS with Distinction:85-100

FIRST CLASS:60-84

SECOND CLASS:50-59

THIRD CLASS:40-49

Print Result : PASS if marks ≥ 40 FAIL if marks < 40

Program 3:Write a C program to add 2 complex numbers using structure

PRACTICE PROGRAM

1. Write a C program to read student details as given in the table and compute division and print the result. Follow PES University rules and compute grades for each subject using array of structures and pointers