

Assignment Lec (11)

- (1) C Program to store information (name, roll and marks) for a student using structure and display it.
- (2) C function to add two complex numbers by passing two structure to a function and display the results.
- (3) C Function to calculate the difference between two time periods using structures.
- (4) C Function to store information (name, id and grade) for 10 students in array of structures using pointers and another function to print all the structures using pointers.
- (5) Create Union type called family_name it shall have two members first_name and last_name. The two members are array of characters with same size 30. Try to write string in the first member first_name then print the second member last_name plus print the size of the union.
- (6) Create enum type called fan_level it shall have three values Level1, Level2 and Level3. This enum shall be used to control the level of the fan.
- (7) make a comparison between the selection, bubble, insertion sorting algorithms, the comparison should include these points:
 1. Idea
 2. Data sensitivity
 3. Time complexity
 4. Space complexity
 5. Stability
 6. Data movements