APPRENTICESHIP

SET 32 – C Programming Language

(Structures and unions)

1. Write a program to reverse an array of structure by passing to a function. Where Structure contains a Single Data member.

2. Write a program to reverse each element of the array of structure by passing to a function. Where Structure contains a Single Data member.

3. Write a program to Sort an array of structure in ascending order by passing to a function. Where Structure contains a Single Data member.

4. Write a program to swap said rows of matrix of structure by passing to a function. Where Structure contains a Single Data member.

5. Write a program to swap two columns of matrix of structure by passing to a function with minimum and maximum column sums. Where Structure contains a Single Data member.

6. Write a program to swap PDE and SDE elements of matrix of structure by passing to a function. Where Structure contains a Single Data member.

7. Write a program to declare a structure and a union with one integer and one float data members in each to find their respective variable size.

8. Write a program to illustrate initialization of a structure and union variable.

9. Write a program to declare a string in variable of length 10 along with the 3 integer data members. Accept the values for the integer data members and print the results.

10. Write a program to find the sum of two complex numbers, where complex numbers are the variables of the union using function.

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