**Task 1)**

Create a structure with name “Employee” with following given

Attributes. Create separate functions outside the structure to insert and

display records of employees. Also create functions to calculate the

Salary using formulae

Gross Salary = Basic Salary + House Allowance (10 % of Basic Salary) + Medical Allowance (15 % of Basic Salary) + Safety Allowance (7% of Basic Salary) + Adhoc Allowance (25% of Gross Salary).

Use pointer to pass objects of structure to functions.

Struct Employee

{

Char name[50];

Int age;

Float Basic\_Salary;

};

Note: Create at least 5 objects to display records.

**TASK 2)**

Considering the question # 1, Use dynamic memory allocation using pointers and call the functions for 5 dynamically created objects.

**Task 3)**

Write a program to create 2 dynamically created, 2D Arrays (with equal rows and columns) of user’s desired size, pass these 2 array to functions using pointers to add Right diagonal values to 3 rd dynamically created array and return that array to main functions using pointer. Right Diagonal values are, the values of (00, 11, 22, 33) Indexes.

**Task 4)**

Write a program to create 2 dynamically created, 2D Arrays (with equal rows and columns) of user’s desired size, pass these 2 arrays to functions using pointers to add Left diagonal values to 3 rd dynamically created array and return that array to main functions using pointer.

Right Diagonal values are, the values of (03, 12, 21, 30) Indexes.