**Assignment I**

1. Write short notes on
   * Array
     1. Write what do you know about an array
     2. Write two different programs on one dimensional array
     3. Write a program on m\*n matrix multiplication
   * Structure
     1. Write what do you know about structure and elaborate some of its advantages
     2. Write two different programs on structure
   * Union
     1. List some of the difference between structure and unions
     2. How can unions be useful?
   * Pointer
     1. Define a structure of employee having data members name, address, age and salary. Take data for n employee in an array dynamically and find the average salary.
     2. Write a program to read number of employees, n, working in a company. Reserve the memory required to store age of n employees using malloc() function. Read age of n employees from user and count the number of employees of age above 80 years.