**LAB -7 (Structure & Union)**

1. WAP to create a structure Book (members: Name, price and pages) that is initialized at compile time for two books. Also display them.
2. WAP to declare a structure Student (members: name, rollno and gender). The program should ask the input and then display them.
3. WAP to declare a structure student with its members name, rollno and gender. The program should ask the input for three students and display them.
4. WAP to declare a structure Student with its members: name, rollno and gender. Using array of structure, the program should ask the input and display the information for three students.
5. WAP to create a structure date (members: year, month, day) inside a structure person(members : name, date and address).Read the information. Also the program should display all these information.
6. An employee record consists of its ID, name, age, salary and address. Write a Menu driven program to perform following operations:

a. Read the records of 3 employees

b. Display the records of all employees

c. Display the records of all the employees whose salary is greater than 10000 and age greater than 25 years.

d. Display the records of employees from only “Pokhara”.

e. Exiting program

1. WAP to create a union Student that has its members as roll name and gender. Now access these members simultaneously and verify that union share the same memory storage area.
2. Create a structure for the following data:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Emp\_id | Emp\_Name | Address | Department | Date of Birth | | |
|  |  |  |  | mm | dd | yr |

Write a program to input 5 employee record and display whose Department is “Sales”.