Everest Engineering College

Sanepa-2, Lalitpur

Subject: Programming in C

Date of Distribution: . . . .
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Lab 10

Title: Structure and Union

Objective:

- To be familiar with structure and Union

Theory:

- ➢ Structure vs union
- ➢ Nested structure
- ➢ Array of structure

Lab Exercises:(Please code yourself and show the output to the instructor)

1. Create a structure for the following data.

Emp_name	Address	Salary	Department	Date of Birth		
				mm	dd	yy

Also write a program to input 100 employee records and display whose Department is "sales"

Perform following operations for above questions

- Display information of employee whose name is sachin
- Display information of employee whose salary is greater than 5000
- Display information of employee whose address is Kathmandu
- Display information of employees who are not from Kathmandu
- Display information of employee who born in july month
- Display information of employee who was born in 1995 and department is marketing
- Display all the information of employee
- Display the information of employee who has highest salary

2. Write a program to read the records of n students (roll no, name, per, address) using structures and display the records of those student whose address is Chitwan.
3. Create a structure called student with data members name, rollno, and marks of five subjects for 100 students. Display the name of students with average marks greater than 80.