



INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



Subject: Computer Science

Topic: Structure

Lab Worksheet No.:8

Resource Person: Roilet Noronha

Date:_____

Name of the Student :_____ **Class &Div:** XI _ **Roll Number :**____

1. Write a C++ program to create a structure Employee with data members eno, ename and basicsalary. Accept an employer details from the user. Calculate DA, HRA and net salary for an employee and display all the details.
[DA=10%salary, HRA=15%salary, net salary=DA+HRA+basicsalary]
2. Write a structure Person with data members pid, pname, address and age. Accept details of N persons and display only those details whose age is more than 18. If no record found display an error message.
3. Write a C++ program to create a structure Employee with data members eno, ename and basic salary. Write a C++ program to enter N employee details. Based on the employee number entered by the user display his/her details else display an error message that Employee not found. Continue this process until the user wants to exit.
4. Declare a structure Student with data members sno, sname, marks in 3 subjects, total and average. Calculate grade as follows:

Average	Grade
≥ 90	A
≥ 70 and ≤ 89	B
≥ 50 and ≤ 69	C
≥ 33 and ≤ 49	D
< 33	E

Write a C++ program to accept N number of students from the user. Based on the student number entered by the user display the student details of the student else display an error message that the student is not found. Continue this process until the user wants to exit.

5. Create a structure Customer with following data members:

- customer number(integer)
- customer name(string)
- customer address(string)
- quantity(int)
- priceperunit(float)
- NetPrice(float)

Write a C++ program to accept 'N' customer details. Calculate the NetPrice (priceperunit*quantity) for all N customers. Display only those customers whose NetPrice is more than 2000.