Subject Name: Advance 'C' Programming
Assignment: 2

Given Date: 30/01/2019　　　　　　　**Submission Date: 20/02/2020**

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1. WAP which creates "student" with member rollno,name, total_marks. Read the information about 10 students and display only those records where total_marks > 50 in an appropriate format.

2. Define a structure called "time" which contains 3 members, Hours, Minute and second. WAP that would assign values to individual members and display time in 12 hour format. E.g. 03:08:06 p.m.

3. Define a structure "item" which contains itemcode, price and qty. Take array of structure of size 7 and display the output in proper format.

4. Define a union "hotel" with room_id, room_type, and room_cost. WAP to read 5 records and print room type wise information in proper format.

5. Define structure "stores" with item_name, price and quantity. WAP to read the details of item and update the value of price and quantity. Also find total amount of item. Display it in proper format. (Use the concept of Passing structure to function)

6	Create structure called "Tournament" with following fields: 　　Tournament_no, name, no_of_terms Read the details of 5 tournaments and display the tournaments with highest and lowest number of terms
7	Create structure "Cricket" with following fields: 　　Player_Name, Team_Name, Average Use proper data types. Read 5 players records and display them in formatted manner.
8	Create a structure "Customer" with fields like CustNo, Name, Address, and Email. Take an array of structure and input the values for member variables and display it in proper format.
9	Create structure "Employee" with Eno, name, salary, DOJ. Read at least 5 records & display records of employees whose salary is more than 20000.

10.

Q.1 **[a]** Create a structure called Employee with following fields. **[30]**
Employee id, Name & Salary.
Insert Employee, Display all employee whose salary greater than 15000.
Input:

1	Boda Krupa	20000
2	Vivek Mistry	14000
3	Aditi Naik	14500
4	Denisha Patel	16000

Output:

1	Boda Krupa	20000
4	Denisha Patel	16000

11.

[B] Create a structure called vehicle with fields v_id, v_number, city ,Read the details of 10 vehicles and display the vehicles of "Vadodara" city. **[20]**

12.

B) Write a C program that create structure Bank with Account_Number, Name , Type, Amount. **35**
Input 5 Bank Account details.
Display Bank details of those account-holders having amount less than 5,000.

13.
Write a program using structure to read the information of student along with percentage and display the student information of those student having percentage >75