Lab Experiment – 3 cont...

4. Define a struct called cricket containing
   - ❑ Name of the cricketer
   - ❑ Age
   - ❑ Team Name
   - ❑ Number of matches played
   - ❑ Batting Average

   Using cricket, declare an array player with 12 such cricketer and WAP to read the information about all the players and print a team wise list containing names of players with their batting average

5. Define a structure data type named time_struct containing three integer members hours, minute and second. WAP to assign values to the individual members and
   - ❑ Display the time in the form: 16:40:51
   - ❑ Compares two given dates. If the dates are equal then display message as "Equal" otherwise "Unequal".

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Lab Experiment – 3 cont...

6. Define a structure that can describe a hotel. It would have members that include the name, address, grade, average room charge and number of rooms. Write functions to perform the following operations:
   - ❑ Read the data into the structure
   - ❑ Print out hostels of a given grade in order of charges
   - ❑ Print out hostels with room charges less than a given value
   - ❑ Print out the top 2 hostels charging maximum room charges

7. Define a structure that should describe the student. WAP to store the information for 10 students and display as per CGPA in descending order.

8. There is a structure called employee that holds information like employee code, name, date of joining. Write a program to create an array of the structure and enter some data into it. Then ask the user to enter current date. Display the names of those employees whose tenure is 3 or more than 3 years according to the given current date.