

**Lab 5: CS 102****Question prepared by S P Patel****(Max marks 4)****Date 4th FEB 2019**

**In two different match batting scorecard of team india is as shown below.(initialize all the data in your code, globally)**

**Match 1- Innings 1 batting Score by India**

P Index	Run s scor ed	Ball face d	Min utes	4's	6's
0	7	13	17	1	0
1	128	221	313	11	1
2	143	362	501	14	0
3	213	267	386	17	2
4	2	15	19	0	0
5	102	160	191	8	1
6	5	14	19	0	0
7	1	5	10	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	9	0	0	0	0

**Match 2- Innings 1 batting Score by India**

P Index	Run s scor ed	Ball face d	Min utes	4's	6's
0	23	35	47	4	0
1	155	267	350	13	0
2	23	39	47	4	0
3	243	287	447	25	0
4	1	5	6	0	0
5	65	102	129	7	2
6	4	16	38	0	0
7	9	19	28	1	0
8	5	4	20	1	0
9	0	0	0	0	0
10	0	0	0	0	0
11	8	0	0	0	0

Player index	0	1	2	3	4	5	6	7	8	9	10	11
Player name	KL Rahul	M Vijay	CA Pujara	V Kohli	AM Rahane	RG Sharma	R Ashwin	WP Saha	RA Jadeja	UT Yadav	I Sharma	Extra Runs

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**Write a menu driven program for the following**

1. Display scorecard for each innings in following format

Player name	Runs	Ball faced	Minutes spent	4's	6's	Strike rare
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2. Total Runs scored by each player after both the matches
3. Who scored highest runs after both the matches
4. What is the total score of team india in both the matches.
5. What is the maximum number of balls faced by a batsman after both the matches, who is the player.
6. Which player scored highest runs by boundaries after both the innings.
7. Delete all the records of a player entered by the user from scorecard 1 and 2 and display result.
8. List all the players who has faced more than 100 balls or spent more than 100 minutes on the crease in each innings
9. Insert new player data after V Kohli with user entered data and display each scorecard.
10. **[ON SPOT QUESTION]**

**Note:**

- a. **Bring your own photocopy(printout of) of question paper.**
- b. **Use of Cellphone is strictly prohibited.**
- c. **Discussions not allowed.**
- d. **Do not ask for help to Faculty instructors in the lab.**
- e. **You have to start coding from scratch in the lab. Do not cheat in any ways.**
- f. **Practice well in advance.**