

CSE-CC 6th Semester Mid Term Practical  
Full Stack Web Development (PCS-693)  
Max Time - 2 Hrs

Note -

- You have to implement and perform write up for 4 problems within 2 Hrs.
  - If anyone is found cheating, suitable penalty will be provided.
1. Write a program that generates random shapes (square, circle, Rectangle etc.) of a random color on a random location in a web page in random amount of time ranging from 800 ms to 1 sec. As soon as you click the shape it should disappear and show the response time on the top of web page. New shape should appear only when previous one gets disappeared.  
**Hint** - You can use `setTimeout()` or `setInterval()` functions to achieve this functionality.
  2. Understand and parse *todos\_ver2* JSON file to find out the user ID that has completed maximum number of tasks. In case there are more number of users print all of ID's and corresponding number of tasks separated by space. For Example - users with ID 4 and 6 have completed 10 tasks each then output should be **4 6 10 10**.

**OR**

3. Understand and parse *issue* JSON file to find out all the user ID's where numbers of comments are greater than 1 but less than 6.
4. Design *iitd\_sample\_resume* using HTML and CSS. You need to design only highlighted yellow portion of the resume.
5. Following is the table for academic information of few students. You have to store the data in suitable data structure and represent the information as shown below in sample example -

Student Academic Information					
Student Name	Web	DAA	DBMS	OOP	Network
Arun	78	NA	65	56	76
Ashish	67	65	92	NA	98
Aman	87	NA	NA	78	59
Arjit	NA	91	77	66	55

A. Academic Record - Arun

- Web → 78
- DBMS → 65
- OOP → 56
- Network → 76

B. Academic Record - Ashish

- Web → 67
- DAA → 65
- DBMS → 92
- Network → 98