

## **Javascript Practical Assignment-2**

1. Create a webpage that will validate and calculate Net Bill Amount.
  - (1) Bill No
  - (2) Bill Date
  - (3) Bill Amount
  - (4) Discount  
(Consider following discount rules)  
Mon & Tue 10%  
Wed & Thur = 15%  
Fri , Sat & Sun = 5%)
  - (5) Tax (5% of Bill Amount)
  - (6) Net Payment=(BillAmount–Discount + Tax)
  
2. Consider Hotel Registration Details and Calculate STAR RATING for the hotel and display on ALERT Box.  
Hotel Name  
Hotel Amenities
  - 1) Conference Room (YES/NO)
  - 2) Swimming Pool (YES/NO)
  - 3) Gym (YES/NO)
  - 4) Wi Fi Internet (YES/NO)
  - 5) 24 Hours Restaurant (YES/NO)
  - 6) Credit Card Payment (YES/NO)
  - 7) 24 Hours Reception Counter (YES/NO)  
(Note: All above mentioned Fields are Yes / No)  
Based on selection by user, derive hotel Category:  
If Amenities ≤ 3 Than 3 Star Hotel  
If Amenities = 4 Than 4star Hotel  
If Amenities ≥ 5 Than 5 star Hotel
  
3. Create image slide-show application.
4. Create Alarm clock in a web page.
5. Create web page to create calculator.
6. Create web page to crate tic tac toe game.

7. Student Data

- Dynamically add, remove student data. (store data in javascript objects array format) Fields are as given below:

- SPID
- Roll number
- name
- Semester
- Division
- age
- gender
- email
- mobile number
- linkedin profile url
- username
- password (at least 6 characters, must contain at least 1 special char, 1 capital letter, 1 digit)
- re-enter password
- programming languages known (checkboxes)
- state (combo)
- city (depend on state)

Apply proper validation on each field (on input as well as on submit) and after all values are valid, show all data with good formatting below the form. Use regular expressions for email, mobile, profile url, username, password, SPID etc.

- On click of a button, display all records in a table AFTER 2 SECONDS.

8. Develop a Login form with fields (username, password, remember my id). Validate username and password. Develop “Remember my ID” using cookies.

9. Social Networking site:

- Index page (contains Login form, Register form link and image slideshow based on 1 second timer)
- Make use of localStorage to store user data in object array (JSON) format
- Register, Show Home page if valid - Show names of registered users on home page
- Login (on successful login, redirect to home else login),
- Logout (Redirect to index page)