Client-side Technologies
JavaScript Fundamentals
Lab 6
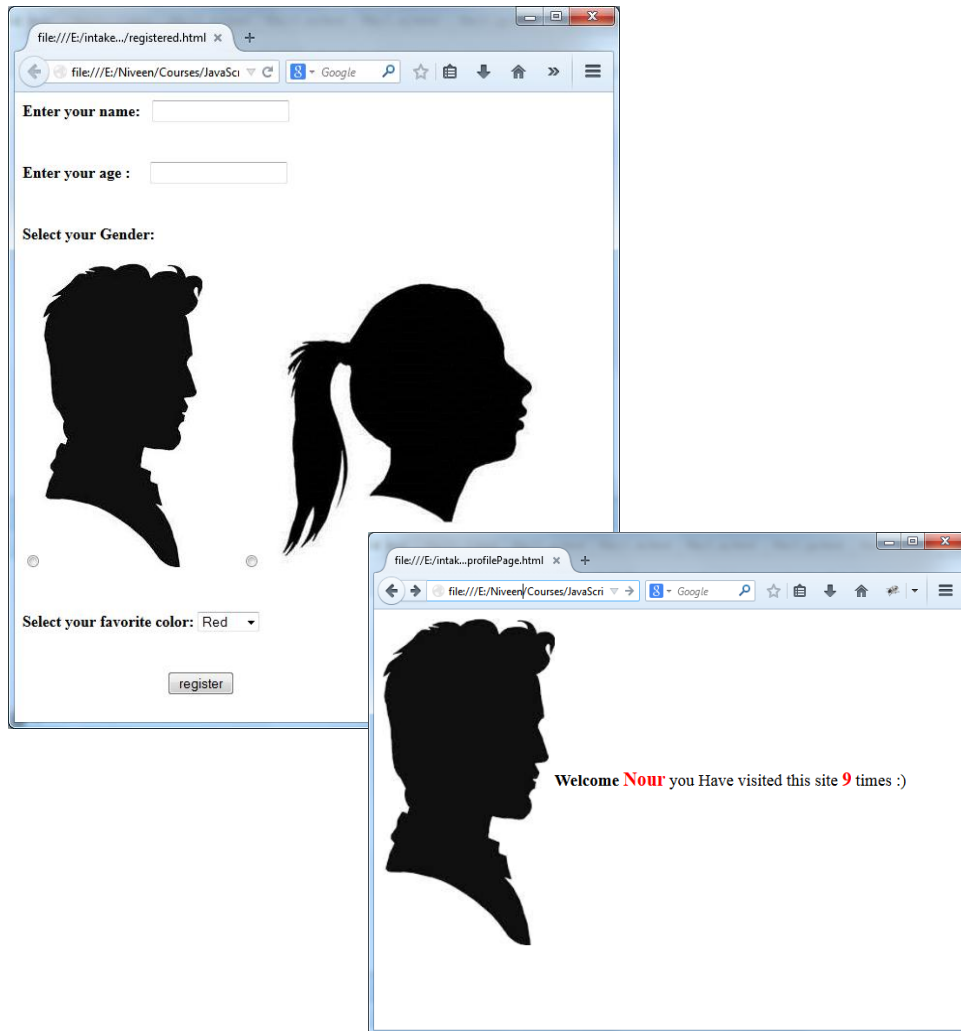
A. BOM
A.1 Cookies
Make your own .js file that should have the following functions:
- **getCookie(cookieName):**
  - **Retrieves a cookie value based on a cookie name.**
- **setCookie(cookieName,cookieValue[,expiryDate]):**
  - **Sets a cookie based on a cookie name, cookie value, and expiration date.**
- **deleteCookie(cookieName):**
  - **Deletes a cookie based on a cookie name.**
- **allCookieList():**
  - **returns a list of all stored cookies**
- **hasCookie(cookieName):**
  - **Check whether a cookie exists or not**

Use your functions to create the required cookies, display a greeting message to your visitor with displaying an image as his profile pic referring to his gender, and inform him with his number of visits to the site. Display user name and number of visits with font color according to his choices.
Note:
- **Do not use <form> tag in the registration page.**
- **Replace the registration page with the profile page using location object**
- **Handle any possible wrong call of all implemented function by firing error message.**
  e.g. there should be an error message if getCookie was called without passing any parameter or the required single parameter is not a string type.
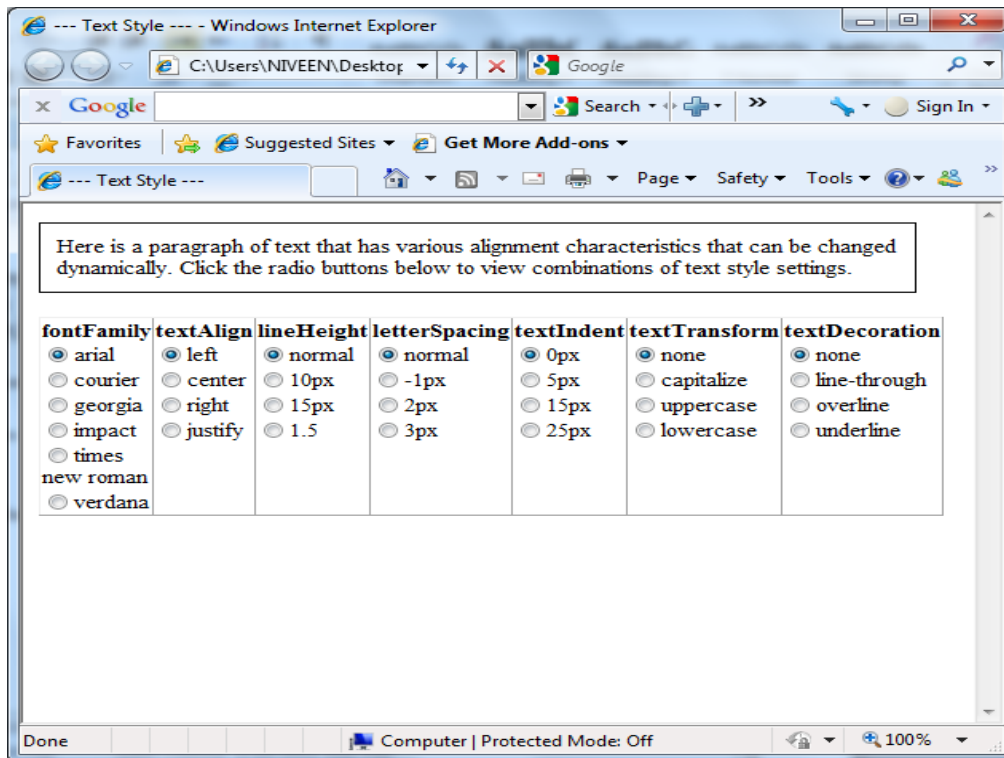
B. Built-in Objects
B.1 Error Object

B.1.1 Create a function that accepts only 2 parameters and throw exception if number of parameters either less than or exceeds 2 parameters

B.1.2. Create an adding function that adds n numbers only. Throw exception if the user passed any data type other than "number" or called your function without passing any parameters.

C. DOM

C.1. Apply different styles over a paragraph according to checked radio button.
Implement the required functions in an external .js file to let TextStyle.html works properly

C.2. Given a web document as shown below in Fig. a, with only these few lines of code in shown in Fig. b. Using DOM Nodes to access, create, modify or remove any of its elements to have it finally as shown in Fig. c.

Fig. a

```
<div id="header">
        <img src ="hi.jpg" alt="hello" />
</div>
<div id="navigation">
        <ul id="nav">
                <li><strong>Memo</strong></li>
                <li><a href="Articles.html">Articles</a></li>
                <li><a href="Photos.html">Photos</a></li>
                <li><a href="About.html">About</a></li>
                <li><a href="Clients.html">Clients</a></li>
                <li><a href="Contact.html">Contact</a></li>
        </ul>
</div>
```
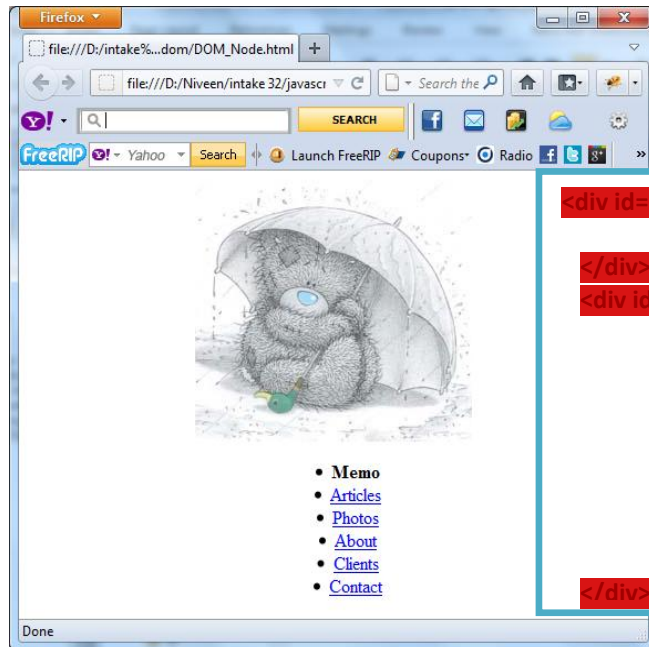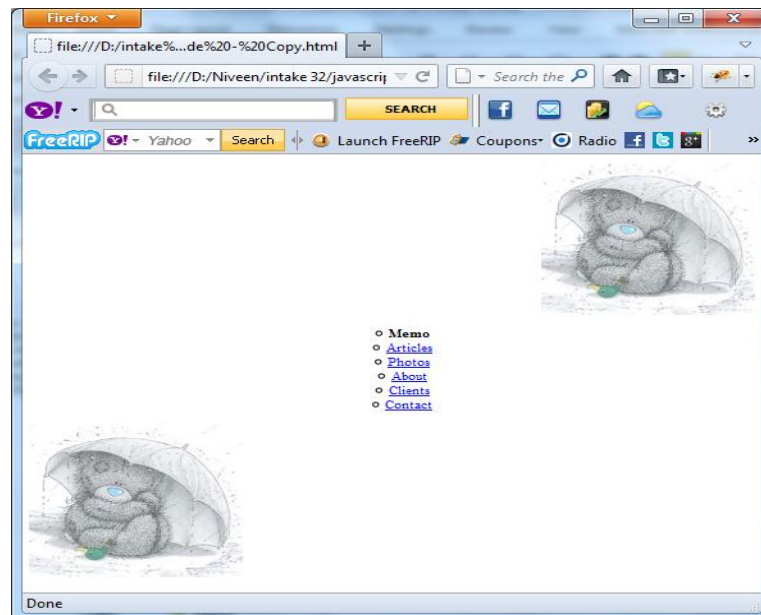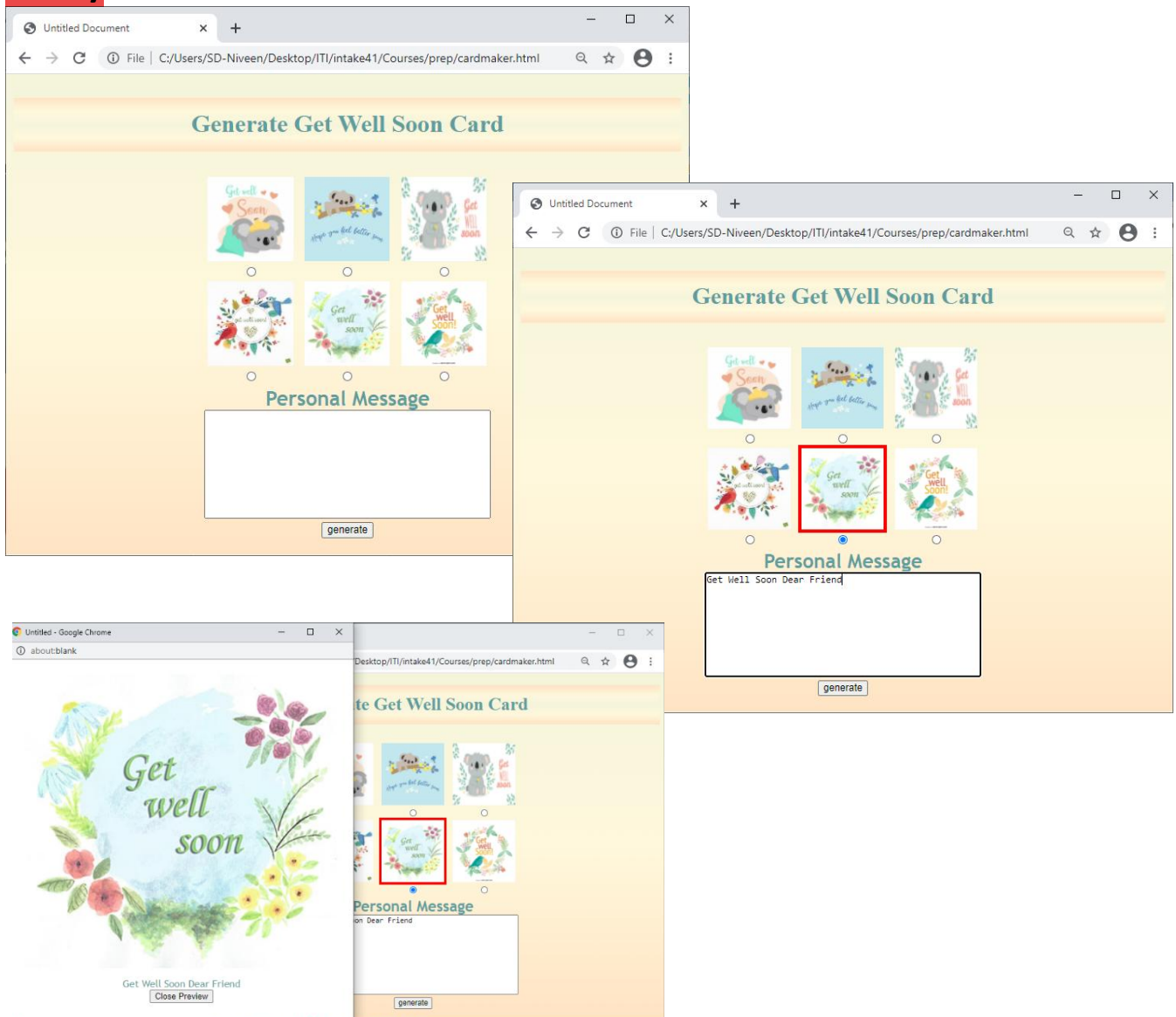
Fig. b

Fig. c

Build a website to help your user to create his customized card as shown and open a new window with preview for his preferences.

Note:

The preview window and all of its elements will be created on the fly

C.4. Moving Pics