



Stream: IT-4

Subject: Internet Technology Lab

Paper Code: IT-791

Faculty: SOHAM SENGUPTA

July 30, 2015



1. An HTML page contains the following:

- A multi-line text field
- A space holder

The text area should not accept any keystroke beyond 100 characters typed. Also, as user types into it, number of characters remaining for her quota should be displayed beside the text field. Once user exceeds 60 characters, an image marker should moderately show up as warning.

2. An HTML page contains a date picker field to accept Date of birth and a button. Tell the user her Zodiac Sign according to any well-known predefined rule, with the sign for the Zodiac, of course.

3. An HTML page contains a date picker field to accept Date of birth, a text field for name, and a button in a form. Both the fields are required before user submits the form. A user below the age of 18 years (as indicated by her DoB input) must not be able to submit the form.

4. Integrate [2] in a Dynamic Web Application (2.5) and create a Servlet that:

- Saves name and data of birth to a table in a database
- A unique ID should be generated for each user abiding by the logic:
 - If there are **N** number of *existing* users, the id should be user's date of birth in YYYYMMDD format appended to initial of her name followed by a SLASH (/) and then, **N**