

Question # 1:

[25]

You are required to design the following HTML form, containing a text-field.

Enter key:

Write JavaScript code to add an event handler to the input field in the form for the "keydown" event. When a key is pressed, display an alert message showing the **key label** of the **pressed key**.

Question # 2:

[50]

Create a following HTML form with "Login ID" and "Password" fields.



Prepare a service servlet named as **Login** to get "Login ID" and "Password" from HTML form and authenticate the information from database. If match found, forward the control to **Success** servlet with an additional attribute (`msg = login successful`); otherwise send the control to **Error** servlet with an additional attribute (`msg = loginfailure`).

You have to get and display all the parameters and attributes from HTTP request object in **Success/Error** servlets.

There must be a hyperlink on **Error** servlets to redirect the control on login page.

Instructions:

- Make sure that input fields are not empty prior to perform **Sign-in**. If any of the field is empty, display an appropriate error message. You can use any appropriate placeholders/Javascript code for this purpose.
- Database: University
- Table: loginInfo(loginID(varchar), password(varchar))

Question # 3:

[25]

Viva-Voce.