Solutions of HTML practice questions

Q.1 make a form.

- `<!DOCTYPE html>`
- `<html lang="en">`
- `<head>`
- `    <meta charset="UTF-8">`
- `    <meta name="viewport" content="width=device-width, initial-scale=1.0">`
- `    <title>Registration Form</title>`
- `</head>`
- `<body>`
- `    <h2>Registration Form</h2>`
- `    <form action="#" method="post">`
- `        <label for="username">Username:</label>`
- `        <input type="text" id="username" name="username" required><br><br>`
-
- `        <label for="email">Email:</label>`
- `        <input type="email" id="email" name="email" required><br><br>`
-
- `        <label for="password">Password:</label>`
- `        <input type="password" id="password" name="password" required><br><br>`
-
- `        <label for="confirm_password">Confirm Password:</label>`
- `        <input type="password" id="confirm_password" name="confirm_password" required><br><br>`
-
- `        <label for="dob">Date of Birth:</label>`
- `        <input type="date" id="dob" name="dob" required><br><br>`
-
- `        <label for="gender">Gender:</label>`
- `        <select id="gender" name="gender" required>`
- `            <option value="">Select</option>`
- `            <option value="male">Male</option>`
- `            <option value="female">Female</option>`
- `            <option value="other">Other</option>`
- `        </select><br><br>`
-
- `        <label>Tick Marks:</label><br`
- `        <input type="checkbox" id="tick1" name="tick1">`
- `        <label for="tick1">Option 1</label><br>`
- `        <input type="checkbox" id="tick2" name="tick2">`
- `        <label for="tick2">Option 2</label><br><br>`
-
- `        <label for="feedback">Feedback:</label><br>`
- `        <select id="feedback" name="feedback" required>`
- `            <option value="">Select</option>`
- `            <option value="excellent">Excellent</option>`
- `            <option value="good">Good</option>`
- `            <option value="average">Average</option>`
- `            <option value="poor">Poor</option>`
- `        </select><br><br>`

```
        <label for="additional_comments">Additional Comments:</label><br>
        <textarea id="additional_comments" name="additional_comments" rows="4" cols="50">
</textarea><br><br>

        <input type="submit" value="Register">
    </form>
</body>
</html>
```

Q.2 Re-create following table.

Merged Cell Table

Personal Information		Contact
Name:	John Doe	
Address:	123 Main Street	Email: john@example.com
	City: Anytown	Phone: 123-456-7890

@iron.coding

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Merged Cell Table</title>
</head>
<body>
    <h2>Merged Cell Table</h2>
    <table border="1">
        <tr>
            <th colspan="2">Personal Information</th>
            <th rowspan="2">Contact</th>
        </tr>
        <tr>
            <td>Name:</td>
            <td>John Doe</td>
        </tr>
        <tr>
            <td rowspan="2">Address:</td>
            <td>123 Main Street</td>
            <td>Email: john@example.com</td>
        </tr>
        <tr>
            <td>City: Anytown</td>
            <td>Phone: 123-456-7890</td>
        </tr>
```

- </table>
- </body>
- </html>

Q.3 Print the following using h1 heading element.

To print Pythagorean theorem

- <!DOCTYPE html>
- <html lang="en">
- <head>
-     <meta charset="UTF-8">
-     <meta name="viewport" content="width=device-width, initial-scale=1.0">
-     <title>Pythagorean Theorem</title>
- </head>
- <body>
-     <h2>Pythagorean Theorem</h2>
-     <p>a<sup>2</sup> + b<sup>2</sup> = c<sup>2</sup></p>
- </body>
- </html>

To print formula of glucose

- <!DOCTYPE html>
- <html lang="en">
- <head>
-     <meta charset="UTF-8">
-     <meta name="viewport" content="width=device-width, initial-scale=1.0">
-     <title>Glucose Formula</title>
- </head>
- <body>
-     <h2>Glucose Formula</h2>
-     <p>C<sub>6</sub>H<sub>12</sub>O<sub>6</sub></p>
- </body>
- </html>

Q.4 Print the following using h1 heading element and entities.

- <!DOCTYPE html>
- <html lang="en">
- <head>
-     <meta charset="UTF-8">
-     <meta name="viewport" content="width=device-width, initial-scale=1.0">
-     <title>Weather Report</title>
- </head>
- <body>
-     <h1>Today &nbsp;&nbsp;&#9728; is bright and &nbsp;&#9729;&#65039; are black</h1>
- </body>
- </html>

Q.5 Re-create the following form with suitable elements and input type.

Registration Form

First Name: [_____]

Last Name: [_____]

Gender: [Select ▾]

Agree to Terms: ○ Yes ○ No

[Register]

- `<!DOCTYPE html>`
- `<html lang="en">`
- `<head>`
- `    <meta charset="UTF-8">`
- `    <meta name="viewport" content="width=device-width, initial-scale=1.0">`
- `    <title>Registration Form</title>`
- `</head>`
- `<body>`
- `    <h2>Registration Form</h2>`
- `    <form action="#" method="post">`
- `        <label for="first_name">First Name:</label>`
- `        <input type="text" id="first_name" name="first_name" required><br><br>`
-
- `        <label for="last_name">Last Name:</label>`
- `        <input type="text" id="last_name" name="last_name" required><br><br>`
-
- `        <label for="gender">Gender:</label>`
- `        <select id="gender" name="gender" required>`
- `            <option value="">Select</option>`
- `            <option value="male">Male</option>`
- `            <option value="female">Female</option>`
- `            <option value="other">Other</option>`
- `        </select><br><br>`
-
- `        <label for="agree_terms">Agree to Terms:</label>`
- `        <input type="radio" id="agree_yes" name="agree_terms" value="yes" required>`
- `        <label for="agree_yes">Yes</label>`
- `        <input type="radio" id="agree_no" name="agree_terms" value="no" required>`
- `        <label for="agree_no">No</label><br><br>`
-
- `        <input type="submit" value="Register">`
- `    </form>`
- `</body>`
- `</html>`
-