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### HTML Forms – Controls/Elements

#### `<fieldset>` and `<legend>` element

The `<fieldset>` element is used to group the related data of form. It makes a box around the related data.

The `<legend>` element is used to give caption to the `<fieldset>`. It is placed within `<fieldset>` ..... `</fieldset>` element.

**Attributes of `<fieldset>`**

- **name**: It gives the name for the fieldset.
- **disabled**: It disables the elements of fieldset.
- **form**: It specifies which form belongs to fieldset. The id of the form is given as value to this attribute.

**Example:**

```html
<form autocomplete="on">

    <fieldset>
        <legend> Personal Details </legend>
        <label for="name"> Name : <input id="name" type="text"><br>
        <label for="fname"> Father's Name :<input id="fname" type="text"><br>
        <label for="dob"> Date of Birth :<input id="dob" type="date"><br>
    </fieldset>

    <fieldset>
        <legend> Contact Details </legend>
        <label for="mobile"> Mobile : <input id="mobile" type="number"><br>
        <label for="emailid"> Email Id :<input id="emailid" type="email"><br>
    </fieldset>

    <input type="submit"><input type="reset">

</form>
```
Output of the above code:

<optgroup>

<optgroup> element

<optgroup> is used to group the related options in the drop-down box.

Attributes of <optgroup>

- **label**: It gives the label to the option group.
- **disabled**: It disables the option group.
Example:

```html
<form autocomplete="on">
  <label for="courses"> Select Course </label>
  <select id="courses">
    <optgroup label="Long Term Courses">
      <option value="Olevel"> O level </option>
      <option value="Alevel"> A Level </option>
    </optgroup>
    <optgroup label="Short Term Courses">
      <option value="CCC"> CCC </option>
      <option value="C"> Programming In C </option>
      <option value="Python"> Programming In Python </option>
      <option value="PHP"> Programming in PHP with MySql </option>
    </optgroup>
  </select>
</form>
```

Output of the above code:
Exercise:

1. Create following form using HTML:

![Zoo Keeper Application Form](image.png)

**Zoo Keeper Application Form**

*Please complete the form. Mandatory fields are marked with an asterisk.*

**CONTACT DETAILS**

- Name *
- Telephone
- Email *

**PERSONAL INFORMATION**

- Age *
- Gender
  - Female
  - Male
- When did you first know you wanted to be a zoo-keeper?

**PICK YOUR FAVORITE ANIMALS**

- Zebra
- Cat
- Anaconda
- Human
- Elephant
- Wildebeest
- Pigeon
- Crab

[Submit Application]