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Silver Oak College of Engineering and Technology

Day1: 25/05/2021

Topics covered in the session:

- Python
- Features of Product
- Use of Python
- Installation of Pycharm

Tasks given after session:

- Div and list

List.html

```
<!DOCTYPE html>
<html>

<head>
  <title>List</title>
  <link rel="stylesheet" type="text/css" href="List.css">
</head>

<body class="body">
  <header class="header">
    <center>
      <h1>Web Technology</h1>
    </center>
  </header>
  <hr />
  <hr />
  <div class="list">
    <h2>Useful Tools and Technologies</h2>
    <h3>Frontend Development</h3>
    <ol>
      <li>HTML</li>
      <li>CSS</li>
      <li>Java Script</li>
      <li>Bootstrap</li>
    </ol>
  </div>
</body>
</html>
```

```

    <h3>Backend Development</h3>
    <ul>
        <li>Java</li>
        <li>PHP</li>
        <li>Ruby</li>
        <li>Python</li>
    </ul>
</div>
</body>

</html>

```

List.css

```

.body {
    background-
image: url("https://www.indiaeducation.net/imagesvr_ce/2224/Web%20Development%201
.jpg");
}
.intro {
    color: white;
}
.header {
    color: white;
}
.list {
    color: white;
    align-items: center;
    font-family: cursive;
    padding-left: 2cm;
}

```

- Table

Hostel fees Structure:

```

<html>

<head>
    <title>Form</title>
    <script>
        function validateform() {
            var name = document.forms["myform"]["fname"].value;
            var ph_no = document.forms["myform"]["phone"].value;
            var e_id = document.forms["myform"]["email"].value;
            var b_date = document.forms["myform"]["date"].value;

```

```

        var sem = document.forms["myform"]["sem"].value;
        var psw = document.forms["myform"]["pass"].value;
        var cpsw = document.forms["myform"]["cpass"].value;
        var atposition = e_id.indexOf("@");
        var dotposition = e_id.lastIndexOf(".");
        if (ph_no == null || ph_no == "") {
            alert("Please Enter Your Phone Number");
            return false;
        } else if (ph_no.length != 10) {
            alert("please enter valid phone number");
            return false;
        }
        if (e_id == null || e_id == "") {
            alert("Please Enter Your Email Id");
            return false;
        } else if (atposition < 1 || dotposition < atposition + 2 || dotposit
ion + 2 >= e_id.length) {
            alert("Please enter a valid e-mail address");
            return false;
        }
        if (psw == null || psw == "") {
            window.alert("Please Enter Your Password");
            return false;
        } else if (psw.length < 8) {
            alert("Password must be 8 character long!");
            return false;
        }
        if (cpsw == null || cpsw == "") {
            window.alert("Please Re-Enter Your Password");
            return false;
        } else if (psw != cpsw) {
            window.alert("Password must be same as confirm password");
            return false;
        }
        document.write("<h2>Registration Successful</h2>");
    }
</script>
</head>

<body>
    <form name="myform" method="post" onsubmit=" return validateform()">
        <h1 align="center">Registration Form</h1>
        <fieldset><br>
            Full Name: <br><input type="text" name="fname" style="width: 25%;" re
quired="required">

```

```

        <br><br>
        Contact Number: <br><input type="number" name="phone" style="width: 25%;">
5
        <br><br>
        Email Id: <br> <input type="text" name="email" style="width: 25%;" required="required">
        <br><br>
        Birthdate: <br> <input type="date" name="date" style="width: 25%;" required="required">
        <br><br>
        Semester: <br> <input type="radio" name="sem" required="required">Sem5
        <input type="radio" name="sem" required="required">Sem6
        <br><br>
        Password:<br> <input type="password" name="pass" style="width: 25%;">
        <br><br>
        Confirm Password:<br> <input type="password" name="cpass" style="width: 25%;">
        <br><br>
        <input type="reset" name="reset" value="reset">
        <input type="submit" name="submit" value="submit">
    </fieldset>
</form>
</body>
</html>

```

- Form with proper validation

```

<html>

<head>
    <title>Form</title>
    <script>
        function validateform() {
            var name = document.forms["myform"]["fname"].value;
            var ph_no = document.forms["myform"]["phone"].value;
            var e_id = document.forms["myform"]["email"].value;
            var b_date = document.forms["myform"]["date"].value;
            var sem = document.forms["myform"]["sem"].value;
            var psw = document.forms["myform"]["pass"].value;
            var cpsw = document.forms["myform"]["cpass"].value;
            var atposition = e_id.indexOf("@");
            var dotposition = e_id.lastIndexOf(".");

```

```

        if (ph_no == null || ph_no == "") {
            alert("Please Enter Your Phone Number");
            return false;
        } else if (ph_no.length != 10) {
            alert("please enter valid phone number");
            return false;
        }
        if (e_id == null || e_id == "") {
            alert("Please Enter Your Email Id");
            return false;
        } else if (atposition < 1 || dotposition < atposition + 2 || dotposit
ion + 2 >= e_id.length) {
            alert("Please enter a valid e-mail address");
            return false;
        }
        if (psw == null || psw == "") {
            window.alert("Please Enter Your Password");
            return false;
        } else if (psw.length < 8) {
            alert("Password must be 8 character long!");
            return false;
        }
        if (cpsw == null || cpsw == "") {
            window.alert("Please Re-Enter Your Password");
            return false;
        } else if (psw != cpsw) {
            window.alert("Password must be same as confirm password");
            return false;
        }
        document.write("<h2>Regestration Successful</h2>");
    }
</script>
</head>

<body>
    <form name="myform" method="post" onsubmit=" return validateform()">
        <h1 align="center">Registration Form</h1>
        <fieldset><br>
            Full Name: <br><input type="text" name="fname" style="width: 25%;" re
quired="required">
            <br><br>
            Contact Number: <br><input type="number" name="phone" style="width: 2
5%;">
            <br><br>

```

```
        Email Id: <br> <input type="text" name="email" style="width: 25%;" re
quired="required">
        <br><br>
        Birthdate: <br> <input type="date" name="date" style="width: 25%;" re
quired="required">
        <br><br>
        Semester: <br> <input type="radio" name="sem" required="required">Sem
5
        <input type="radio" name="sem" required>Sem6
        <br><br>
        Password:<br> <input type="password" name="pass" style="width: 25%;">
        <br><br>
        Confirm Password:<br> <input type="password" name="cpass" style="width: 25%;">
        <br><br>
        <input type="reset" name="reset" value="reset">
        <input type="submit" name="submit" value="submit">
    </fieldset>
</form>
</body>
</html>
```