

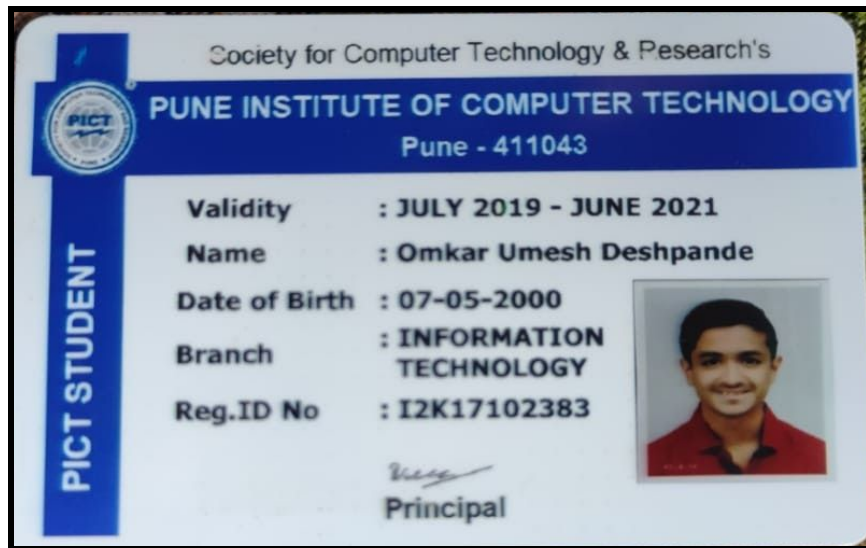
### ASSIGNMENT 3

**Name** - Omkar Deshpande

**Class** - BE 10

**Roll No** - 43212

**Batch** - Q10



**Problem Statement** - Design a registration form having following fields :

- 1) First name and last name (only alphabets allowed, numbers should not be allowed)
- 2) Mobile number (maximum and minimum 10 digits allowed, 11th digit should not be get typed )
- 3) Email field should accept min one dot after at (@) symbol and maximum of two dots.
- 4) Password validation should include one uppercase and special character as mandatory part of it.
- 5) Pin code (maximum and minimum 6 digits allowed)
- 6) Use Check box for Educational qualification / any purpose)
- 7) Use radio buttons for gender selection.

IF INPUT WRONG VALUE THEN INPUT FIELD BECOMES RED

1. Does not accept numbers in first name.
2. Does not accept numbers in last name.
3. Email should not contain at least one @ and . ([example@email.com](mailto:example@email.com))
4. Phone numbers should be at least 10 digits long.
5. Pincode should be 6 digits long

**Please enter Your Details !**

<b>First Name :</b> dfsdl4dsd	<b>Last Name :</b> sdasd4sd
<b>Email :</b> gjhghh@kjhk	<b>Phone Number :</b> 44444444
<b>Password :</b> *****	

<b>Address :</b> asdasdsa	<b>Pincode :</b> 4444
<b>Gender :</b> <input type="radio"/> male <input checked="" type="radio"/> female <input type="radio"/> Prefer not to say	<b>DOB :</b> 02/01/2021

**Please Select other areas of Interest !**

<input checked="" type="checkbox"/>	Engineering
<input checked="" type="checkbox"/>	Science
<input type="checkbox"/>	Finance

**Please Enter Your Qualification :**

PG

6. Submit and reset buttons
7. Radio buttons for gender
8. Calendar for DOB
9. Checkboxes for selecting Field of interest
10. Dropdown for selecting qualification

### Please enter Your Details !

<b>First Name :</b> dfsdf4dsd	<b>Last Name :</b> sdsas04sd
<b>Email :</b> gfgfgh@kjk	<b>Phone Number :</b> 44444444
<b>Password :</b> *****	

<b>Address :</b> asdasdsa	<b>Pincode :</b> 4444
<b>Gender :</b> <input type="radio"/> male <input checked="" type="radio"/> female <input type="radio"/> Prefer not to say	<b>DOB :</b> 02/01/2021

**Please Select other areas of Interest !**

<input checked="" type="checkbox"/>	Engineering
<input checked="" type="checkbox"/>	Science
<input type="checkbox"/>	Finance

**Please Enter Your Qualification :**

PG

Submit

Reset

IF INPUT CORRECT VALUE THEN INPUT FIELD BECOMES GREEN

1. Entered correct details all the input fields are green
2. Password validation:
  - a. Password length 8 to 15 characters
  - b. Must contain english alphabets
  - c. One digit
  - d. One special character
3. Reset button resets all fields.

**Please enter Your Details !**

<b>First Name :</b> omkar	<b>Last Name :</b> deshpande
<b>Email :</b> example@pict.ocm.in	<b>Phone Number :</b> 9999999999
<b>Password :</b> *****	

<b>Address :</b> pune	<b>Pincode :</b> 444444
<b>Gender :</b> <input type="radio"/> male <input type="radio"/> female <input checked="" type="radio"/> Prefer not to say	<b>DOB :</b> 02/01/2021 <input type="text"/>

**Please Select other areas of Interest !**

<input checked="" type="checkbox"/>	Engineering
<input checked="" type="checkbox"/>	Science
<input type="checkbox"/>	Finance

**Please Enter Your Qualification :**  
HSC

## TOOLTIP ADDED FOR EACH FIELD STATING THE INPUT FORMAT

**Please enter Your Details !**

<b>First Name :</b> omkar	<b>Last Name :</b> deshpande
<b>Email :</b> example@pict.ocm.in	<b>Phone Number :</b> 9999999999
<b>Password :</b> *****	

**Address :**  
pune

**Pincode :**  
444444

**Gender :**  
☐ male ☐ female ☒ Prefer not to say

**DOB :**  
02/01/2021

**Please Select other areas of Interest !**

<input checked="" type="checkbox"/>	Engineering
<input checked="" type="checkbox"/>	Science
<input type="checkbox"/>	Finance

**Please Enter Your Qualification :**  
HSC

Submit Reset

## TOOLTIP FOR EMAIL FIELD

**Please enter Your Details !**

<b>First Name :</b> omkar	<b>Last Name :</b> deshpande
<b>Email :</b> example@pict.ocm.in	<b>Phone Number :</b> 9999999999
<b>Password :</b> *****	

**Address :**  
pune

**Pincode :**  
444444

**Gender :**  
☐ male ☐ female ☒ Prefer not to say

**DOB :**  
02/01/2021

**Please Select other areas of Interest !**

<input checked="" type="checkbox"/>	Engineering
<input checked="" type="checkbox"/>	Science
<input type="checkbox"/>	Finance

**Please Enter Your Qualification :**  
PG

Submit Reset



1) **Dropdown** menu on hover over each category

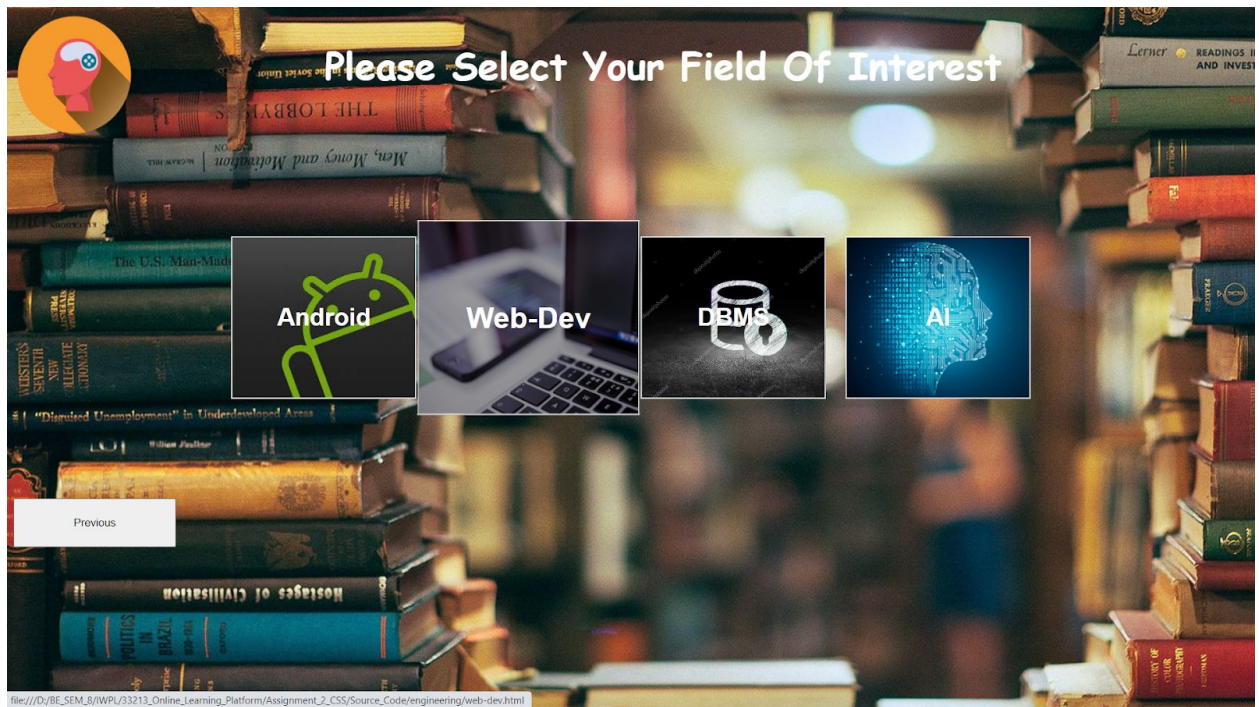


2) Navigation to go to each page -

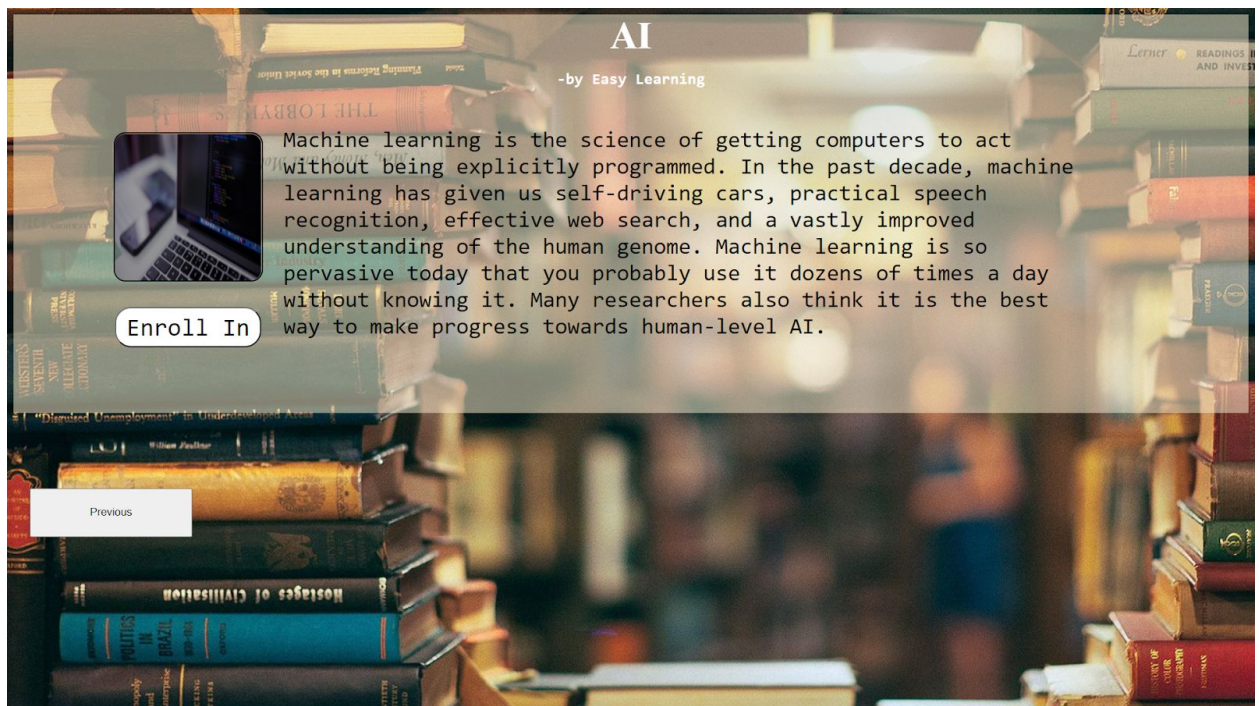




3) enlarge course icons on hover with transition time

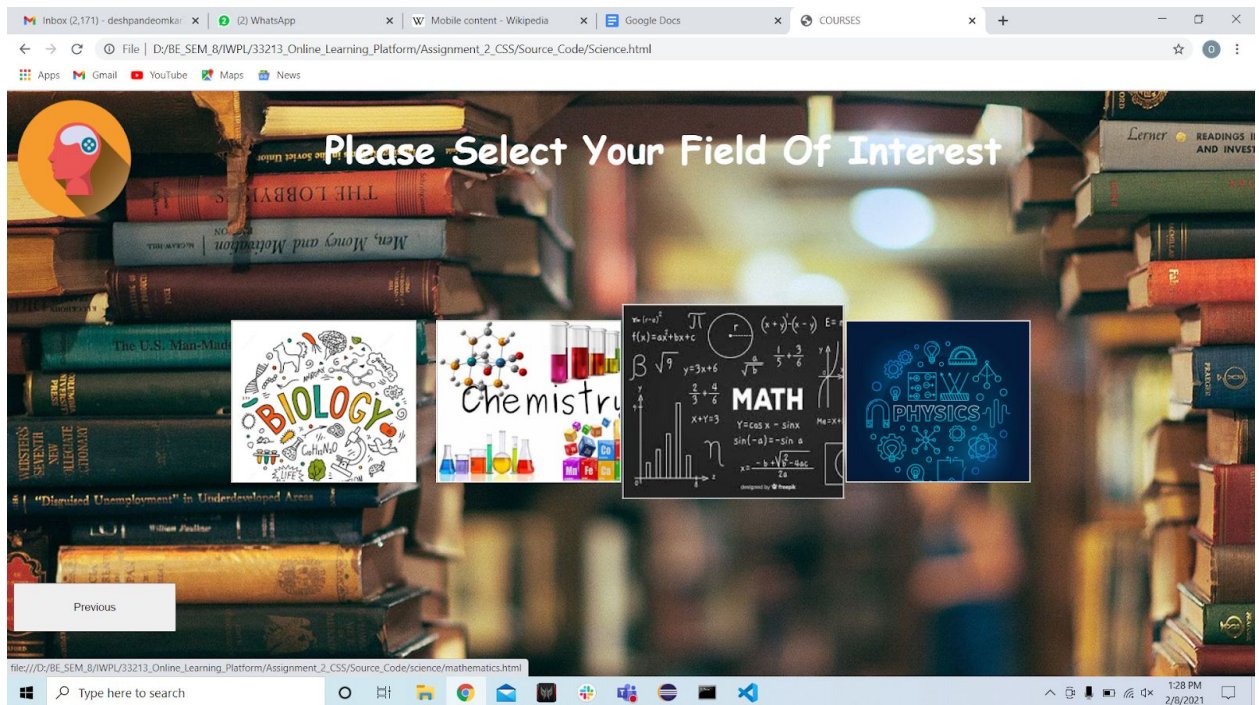


4) Normal Course info page (Text shifted 50px to left after hover)

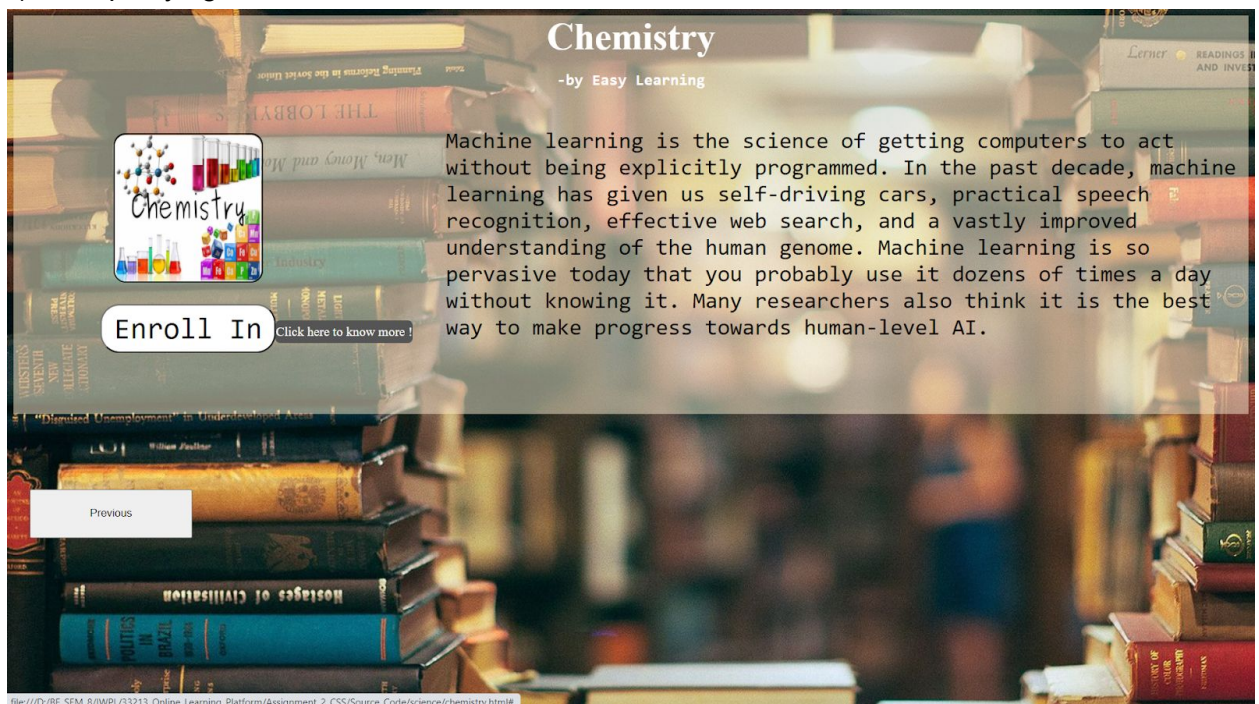




## 5) Icon enlarge after hover example #2

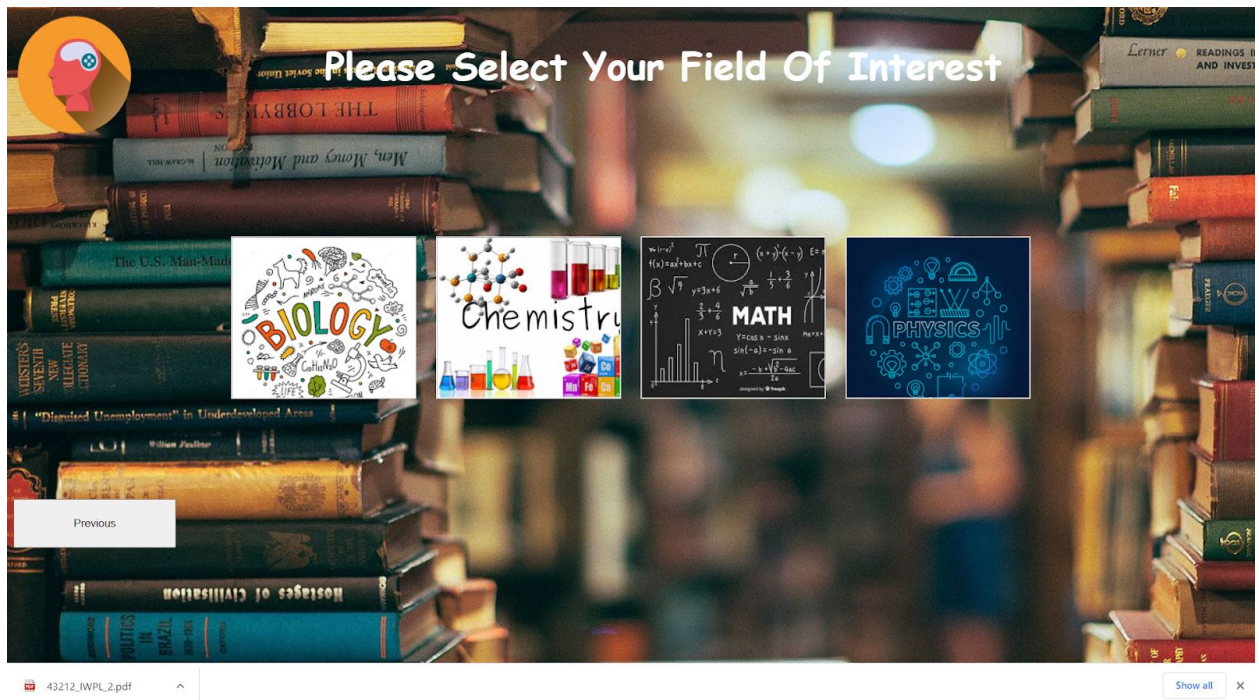


## 6) Tooltip saying "Click here for more info".





7) **Padding** added after heading to look good. White **border** added to the images



CODE -

### 1. Course-page.css

```
body{
    background-image: url(../assets/bg3.jpg);
}
h1 {
    font-size: 3vw; color: white;margin-top: 0vw;margin-bottom:
0vw;
}
h2{
    color: white;font-family: Monospace;
}
.main {
    height: 25vw;margin-top: 0vw;background-size: cover;
}
.sub1 {
    float: left;width: 35%;
}
img {
```

```

        border-radius: 15px;border: 2px solid black;margin-top:
2.5vw;margin-left: 8vw; transition: 0.2s;
    }
    .enroll {
        font-family: Monospace;margin-top: 2vw; font-size: 2vw;
margin-left: 105px; height: 50px;width: 180px;border-radius:
20px;background-color: white;font-style: Monospace;
    }
    .sub2 {
        font-family: Monospace;float: right;width: 65%;font-size:
1.8vw;color: black;padding-top: 2vw;
    }
    .sub2:hover {
        transform: scale(1.2);
        transform: translateX(-200px);

        transition: .2s;
    }
    .prev {
        width: 200px;height: 60px;margin-top: 6vw;
    }
    a:not(.prev){
        padding-left: 20px;
    }
    img:hover{
        transform: scale(1.2);
        transition: .2s;
    }
    .enroll:hover{
        transform: scale(1.2);
        transition: .2s;
    }
    .enroll:checked {
        visibility: hidden;
    }

    .tooltip {
        position: relative;

```



```

    display: inline-block;
}

/* Tooltip text */
.tooltip .tooltiptext {
    visibility: hidden;
    width: 120px;
    background-color: #555;
    color: #fff;
    text-align: center;
    padding: 5px 0;
    border-radius: 6px;

    /* Position the tooltip text */
    position: relative;
    z-index: 1;
    bottom: 0%;
    left: 50%;
    margin-left: -150px;

    /* Fade in tooltip */
    opacity: 0;
    transition: opacity 0.3s;
}

.tooltip:hover .tooltiptext {
    visibility: visible;
    opacity: 1;
}

```

## 2. List-page.css

```

button:not(#prevbtn) {
    border: white 2px ridge;
    font-weight: bolder;
    color: white;
    width: 15%;
    height: 200px;
    margin-top: 20px;
}

```

```

        font-size: 30px;
    }
    img:hover{
        transition: 0.5s;
        transform: rotate(360deg);
    }
    img {
        transition: 0.2s;
    }
    body {
        background-image: url(../assets/bg3.jpg);
    }

    .course {
        background-size: cover;margin-left: 20px;
    }
    h1{
        font-family: cursive;color: white; font-size: 3vw;
        align-content: center; align-self: center;float:
        right;padding-right: 20%;
    }

    #prevbtn {
        width: 200px;height: 60px;margin-top: 8vw;
    }
    button:hover{
        opacity: 1;
        transition: .2s;
        transform: scale(1.2);
    }

```

### 3. Index.html

```

<!DOCTYPE html>
<html>
<head>

```



```
<title>Introduction</title>
<style type="text/css">
img:hover{
    transition: 0.5s;
    transform: rotate(360deg);
}
img {
    transition: 0.2s;
}
body {
    background-image: url(../assets/bg3.jpg);
}
.div1 {
    width: 100%; height: 50%;
}
.sub1 {
    padding-left: 4%; float: left; width: 20%;
}
h1 {
    padding-top: 3%; font-size: 3vw; font-family: cursive;
}
.dropdown{
    padding-top: 20px;
}
.subdiv2 {
    width: 25%; height: 100%; align-self: start; float: left;
}
a {
    font-size : 2vw; padding-bottom: 1vw; text-decoration: none;
cursor: default;
}
h6 {
    text-decoration: none;
    font-size: 1vw;
}
.drop {
    display: none;
    margin-left: 20px;
    color: white;
}
```

```

        font-size: 1.5vw;
        font-weight: bold;
    }
    .dropdown:hover + .drop {
        display: block;
    }
    p {
        align-content: justify; justify-self: start ;font-size:
2vw;padding-left: 30px;float: left; font-family: cursive;
    }
</style>
</head>
<body>
    <div style="background-color: rgba(248, 232, 202, 0.534)
;overflow: auto;height: 100%;">
        <div>
            <div class="sub1">
                
            </div>
            <h1>Welcome To Easy Learning Studio</h1><br>
        </div>
        <div style="padding-top: 2vw; ">
            <div class="subdiv2">

                <ol style="font-size: 2vw; ">
                    <h2>Categories</h2>
                    <li class="dropdown"><a
href="Engineering.html">Engineering</a><br></li>
                    <div class="drop">
                        <ol>
                            <li>AI</li>
                            <li>Android</li>
                            <li>dbms</li>
                            <li>Web-Dev</li>
                        </ol>
                    </div>
                </div>

```



```

        <li class="dropdown"><a
href="Science.html">Science and Technology</a><br></li>
        <div class="drop">
            <ol>
                <li>biology</li>
                <li>Chemistry</li>
                <li>Mathematics</li>
                <li>Physics</li>
            </ol>
        </div>

        <li class="dropdown"><a
href="Finance.html">Finances</a><br></li>
        <div class="drop" >
            <ol>
                <li>Accounting</li>
                <li>Banking</li>
                <li>Mathematics</li>
                <li>Share-market</li>
            </ol>
        </div>

    </ol>
</div>
<div style=" width: 70%; align-self:end; float:
right;">
    <p>
        Easy Learning provides universal access to the
world's best education, partnering with top universities and
organizations to offer courses online.
        Comprehensive learning programs for people with
any age.
        Build skills with courses, certificates, and
degrees online from world-class universities and companies.
    </p><br>

</div>

</div>

```

```
    </div>

</body>

</html>
```

#### 4. courses.html

```
<!DOCTYPE html>
<html>
<head>
    <title>COURSES</title>
    <link rel="stylesheet" href="./css/list-page.css">
</head>

<body >

    
    <h1 >Please Select Your Field Of Interest</h1>

    <div align="center" style=" margin-top: 100px ; " >
        <a href="engineering/Android.html"><button
style="background-image: url (assets/android.jpg) ;background-size:
cover;" >Android</button></a>

        <a href="engineering/web-dev.html"><button class="course"
style="background-image: url (assets/web.jpg) ;"
>Web-Dev</button></a>

        <a href="engineering/dbms.html"><button class="course"
style="background-image: url (assets/dbms.jpg) ;" >DBMS</button></a>

        <a href="engineering/AI.html"><button class="course"
style="background-image: url (assets/AI.jpg) ;" >AI</button></a>

    </div>
```

```

    <div style="float: left;">
        <a href="index.html"><button
id="prevbtn">Previous</button></a>
    </div>

</body>
</html>

```

## 5. Course-name.html

```

<!DOCTYPE html>
<html>
<head>
    <title>Physics</title>
    <link rel="stylesheet" type="text/css"
href="../css/course-page.css">
</head>
<body>
    <div style="background-color: rgba(248, 232, 202, 0.534);">
        <h1 align="center" >Physics</h1>
        <h2 align="center" >-by Easy Learning </h2>
        <div class="main">
            <div class="sub1" >
                <br>
                <div class="tooltip">
                    <a href="#"><button class="enroll" >Enroll
In</button></a>

                    <span class="tooltiptext">Click here to
know more !</span>
                </div>
            </div>
            <div class="sub2" >Machine learning is the science of
getting computers to act without being explicitly programmed.

```

In the past decade, machine learning has given us self-driving cars, practical speech recognition, effective web search,

and a vastly improved understanding of the human genome.

Machine learning is so pervasive today that you probably use it dozens of times a day without knowing it.

Many researchers also think it is the best way to make progress towards human-level AI.

```
</div>
</div>
<div style="float: left;">
  <a href="../Science.html"><button
class="prev">Previous</button></a>
</div>
</div>
</body>
</html>
```

## 6. Form.html

```
<!DOCTYPE html>
<html>

<head>
  <title>Enrollment Form</title>
</head>
<style type="text/css">
  input {
    width: 45%;
    margin-bottom: 20px;
    margin-top: 7px;
    background: transparent;
    border: none;
    color: black;
```



```
        border-bottom: 2px solid lightgreen;
    }

    input:hover {
        transition: 0.2s;
        border-bottom: 2px solid black;
    }

    button {
        width: 20%;
        background-color: #ffb3b3;
        color: black;
        height: 30px;
        border-radius: 10px;
        border: none;
    }

    input[type=submit] {
        width: 20%;
        background-color: #ffb3b3;
        color: black;
        height: 30px;
        border-radius: 10px;
        border: none;
    }

    input[type=date]::-webkit-inner-spin-button,
    input[type=number]::-webkit-outer-spin-button {
        -webkit-appearance: none;
        margin: 0;
    }

    input[type=submit]:hover {
        background-color: green;
        transition: .2s;
    }

    input[type=radio] {
        width: 5%;
```

```

    }

    select {
        width: 20%;
        padding-left: 8%;
    }

    label {
        margin-top: 9px;
        font-weight: bold;
        font-size: 22px;
        color: black;
    }

    ::placeholder {
        color: black;
        opacity: 0.6;
    }

    input:focus,
    select:focus,
    textarea:focus,
    button:focus {
        outline: none;
    }

    input[title]:hover{
        font-style: italic;
        color: red;
    }
}
</style>

<body style="background-image: url(./assets/bg4.png);background-size:
cover;">

    <h2 style="color: black;font-size: 35px;" align="center">Please
enter Your Details !</h2>

    <div style="margin-left: 25% ;width: 50%;">
        <form action="index.html" onsubmit="newform()">

```

```

<div style=" border: 2px solid black;padding: 20px">

    <div style="width: 50%; float: left">
        <label for="fname">First Name : </label><br>
        <input title="First Name should not contain
numbers" style="width: 95%" maxlength="20" ondblclick="return
newfunc(this);" autocomplete="off" placeholder="Enter first name..."
id="fname" type="text" name="fname"><br>
    </div>
    <div style="width:50%;float: right">
        <label for="lname">Last Name : </label><br>
        <input title="Last Name should not contain
numbers" style="width: 95%" maxlength="20" ondblclick="return
newfunc(this);" autocomplete="off" placeholder="Enter last name..."
id="lname" type="text" name="lname"><br>
    </div>
    <div style="width: 50%; float: left">
        <label for="email">Email : </label><br>
        <input maxlength="20" title="Email should
contain at least one @ and . ex. (email@exaple.com)" style="width: 95%"
ondblclick="return newfunc(this);" autocomplete="off" placeholder="Enter
email *" onkeyup="validateEmail(this)" type="email" id="email"
name="email"><br>
    </div>
    <div style="width:50%;float: right">
        <label for="phone">Phone Number : </label><br>
        <input maxlength="10" style="width: 95%"
ondblclick="return newfunc(this);" autocomplete="off" placeholder="Enter
Mobile number *" id="phone" type="tel" name="phone"><br>
    </div>

    <label for="password">Password : </label><br>
    <input maxlength="15" ondblclick="return newfunc(this);"
autocomplete="off" placeholder="Enter password *" type="password"
id="password" name="password"><br>

    <button type="button" id="btn1" hidden>RESET</button>
</div>

```

```

        <div style="border: 2px solid black ;padding:
20px;margin-top: 20px">

            <br>
            <div style="width:50%;float: left">
                <label for="address"> Address : </label><br>
                <input maxlength="30" style="width: 95%;"
ondblclick="return newfunc(this);" autocomplete="off" placeholder="Enter
Full address..." id="address" type="text" name="address"><br>
            </div>
            <div style="width:50%;float: right">
                <label for="Pincode">Pincode : </label><br>
                <input maxlength="6" style="width: 95%;"
ondblclick="return newfunc(this);" autocomplete="off" placeholder="Enter
Pincode..." pattern="\d{6}" id="pincode" type="tel" name="Pincode"><br>
            </div>
            <div style="width:50%;float: left">
                <label for="gender">Gender : </label><br>
                <input ondblclick="return newfunc(this);"
autocomplete="off" id="radio1" type="radio" name="gender" checked>male
                <input ondblclick="return newfunc(this);"
autocomplete="off" id="radio2" type="radio" name="gender">female
                <input ondblclick="return newfunc(this);"
autocomplete="off" id="radio1" type="radio" name="gender" checked>Prefer
not to say
            </div>
            <br>
            <label for="dob" >DOB : </label><br>
            <input ondblclick="return newfunc(this);"
autocomplete="off" id="dob" type="date" name="dob" checked >
            <br>
            <div style="background-color: white;">
                <h2 style="color: black;">Please Select other areas of
Interest !</h2 >
                <input style="padding: 0px;" type="checkbox"
name="option1" value="Engineering">
                <label for="option1"> Engineering</label><br>

```



```

        <input type="checkbox" name="option2" value="Science">
        <label for="option2"> Science</label><br>
        <input type="checkbox" name="option3" value="Finance">
        <label for="option3"> Finance</label><br><br>
    </div>

    <h3 style="color: black;">Please Enter Your
Qualification : </h3>
    <select ondblclick="return newfunc(this);"
id="qualification">
        <option>UG</option>
        <option>PG</option>
        <option>SSC</option>
        <option>HSC</option>
    </select><br>

    <button type="button" style="margin-top: 20px" id="btn2"
hidden>RESET</button>
    </div>

    <button class="prevbtn" style="margin-top: 20px;"
id="submitbtn" type="submit" name="submit">Submit</button>
    <button type="button" style="margin-top: 20px" id="btn3"
>Reset</button>

    </form>
</div>

<audio id="player">
    <source src="./assets/beep.wav" type="audio/wav">
</audio><br>

<script>
    function playAudio() {
        document.getElementById("player").play();
    }

```

```

    }

    document.getElementById("email").onkeyup = function() {
        var reg =
/^([A-Za-z0-9_\-\.])+\@([A-Za-z0-9_\-\.])+\.([A-Za-z]{2,4})$/;

        if (reg.test(this.value) == false) {
            this.style.borderBottom = "2px solid red";
            //playAudio();
            return false;
        }
        this.style.borderBottom = "2px solid lightgreen";

        return true;
    }

    document.getElementById("fname").onkeyup = function() {
        var reg = /^[A-Za-z]+$/;

        if (reg.test(this.value) == false) {
            this.style.borderBottom = "2px solid red";
            //playAudio();
            return false;
        }
        this.style.borderBottom = "2px solid lightgreen";

        return true;
    }

    document.getElementById("password").onkeyup = function() {
        var reg =
/^((?=.*[0-9])(?=.*[!@#$%^&*])[a-zA-Z0-9!@#$%^&*]{8,15})$/;

        if (reg.test(this.value) == false) {
            this.style.borderBottom = "2px solid red";
            //playAudio();
            return false;
        }
    }

```

```
    }  
    this.style.borderBottom = "2px solid lightgreen";  
  
    return true;  
}  
  
document.getElementById("lname").onkeyup = function() {  
    var reg = /^[A-Za-z]+$/;  
  
    if (reg.test(this.value) == false) {  
        this.style.borderBottom = "2px solid red";  
        //playAudio();  
        return false;  
    }  
    this.style.borderBottom = "2px solid lightgreen";  
  
    return true;  
}  
  
document.getElementById("phone").onkeyup = function() {  
    var reg = /^\d{10}$/;  
  
    if (reg.test(this.value) == false) {  
        this.style.borderBottom = "2px solid red";  
        //playAudio();  
        return false;  
    }  
    this.style.borderBottom = "2px solid lightgreen";  
    return true;  
}  
  
document.getElementById("pincode").onkeyup = function() {  
    var reg = /^\d{6}$/;  
  
    if (reg.test(this.value) == false) {  
        this.style.borderBottom = "2px solid red";  
        //playAudio();  
        return false;  
    }  
}
```

```
        this.style.borderBottom = "2px solid lightgreen";
        return true;
    }

    document.getElementById("btn1").onclick = function() {
        todo1();
    }

    function todo1() {
        document.getElementById("fname").value = "";
        // document.getElementById("mname").value = "";
        document.getElementById("lname").value = "";
        document.getElementById("email").value = "";
        document.getElementById("phone").value = "";
        document.getElementById("password").value = "";
    }

    document.getElementById("btn2").onclick = function() {
        todo2();
    }

    function todo2() {

        document.getElementById("address").value = "";
        document.getElementById("qualification").value = "UG";
        document.getElementById("pincode").value = "";
        document.getElementById("radio1").checked = true;
        document.getElementById("radio2").checked = false;
    }

    document.getElementById("btn3").onclick = function() {
```



```

        todo1();
        todo2();
    }

    function newfunc(here) {
        here.value = "";
    }

    document.getElementById("submitbtn").onclick = function() {

        if (document.getElementById("email").value == "") {
            playAudio();
            alert("Please insert email !");

            return false;
        } else if (document.getElementById("phone").value == "") {
            alert("Please insert phone !");
            playAudio();
            return false;
        } else if (document.getElementById("password").value == "")
    {

        alert("Please insert password !");
        playAudio();
        return false;
    }

}

document.getElementById("dob").onblur = function() {
    var d1 = new Date();
    var d2 = new Date(document.getElementById("dob").value);
    var timeDiff = d2.getTime() - d1.getTime();
    var diff = timeDiff / (1000 * 3600 * 24);

    var value = parseInt(-1 * 365 * 14);

    if (parseInt(diff) > 0) {

        alert("Wrong Date of birth !");
    }
}

```

```
    }  
  
    }  
  </script>  
</body>  
</html>
```