

# Practical-1

**Aim-** Build web pages for your college with course details, departments, faculties, and the library. UseHTML href and list tags.

## Code:

### 1.html file

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <title>Pandit Deendayal Energy University</title>

  <link rel="stylesheet" href="1.css" />

  <link href="https://fonts.googleapis.com/css2?family=Lato&display=swap"
rel="stylesheet" />

  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.cs
s" rel="stylesheet"

  integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous" />

</head>

<body style="padding-top: 54px;">

  <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top">

    <div class="container-fluid">

      <a class="navbar-brand" href="#" style="

        color: #05386b;

        font-weight: 600;

        font-family: Garamond, Helvetica, sans-serif;

        padding-right: 950px;

        ">PDEU</a>

      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarSupportedContent"

        aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
```

```
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
            <li class="nav-item">
                <a class="nav-link active" aria-current="page"
href="1.html">Home</a>
            </li>
            <li class="nav-item ps-4">
                <a class="nav-link" aria-current="page"
href="Library.html">Library</a>
            </li>
        </ul>
    </div>
</div>
</nav>

<div class="container">
    <div class="mt-2">
        <h1 class="bckph text-center" style="font-size: 60px; font-weight:
900; height: 80px">
            Pandit Deendayal Energy University
        </h1>
    </div>

    <div class="d-flex justify-content-center quote" style="border-radius:
25px">
        <h2 class="text-center fontstyle d-flex justify-content-center align-
items-center">

            </h2>
        </div>

        <div class="d-flex justify-content-center">
            
        </div>

        <div class="d-flex justify-content-center my-3">
            <h2 class="fontstyle">
```

```
</h2>
</div>
<div class="d-flex justify-content-center mt-4 mb-3">
  <button type="button" class="custom-btn btn-16">Select Your
Option</Option>
</button>
</div>
<div class="w-50 p-3" style="
  border-top: 2px solid black;
  border-left: 2px solid black;
  border-right: 2px solid black;
  margin-left: 25%;
"></div>
<div class="d-flex justify-content-center mt-3 mb-3">
  <button type="button" id="btn1" class="custom-btn btn-16"
style="margin-right: 25%" onclick="tree1()">
    Courses
  </button>
  <button type="button" id="btn2" class="custom-btn btn-16"
onclick="tree2()">
    Faculty
  </button>
</div>

<div class="w-25 p-3" id="branch1"></div>
<div class="w-25 p-3" id="branch2"></div>
<div class="d-flex justify-content-between mt-3 mb-3" id="Courses"
style="height: 80px"></div>
<script>
function tree1() {
  let element1 = document.getElementById("branch1");
  let element2 = document.getElementById("branch2");

  str1 = `border-left: 2px solid black;
  margin-left: 25%;`;
  element1.style = str1;

  str2 = `border-top: 2px solid black;
```

```
        border-left: 2px solid black;
        border-right: 2px solid black;
        margin-left: 12.5%;`;
element2.style = str2;

str3 = `
<button
    type="button"
    id="btn4"
    class="custom-btn btn-16">
    B.Tech
</button>
<button
    type="button"
    id="btn5"
    class="custom-btn btn-16"
    style="margin-right: 50%"
>
M.tech
</button>`;

element3 = document.getElementById("Courses");
element3.innerHTML = str3;
}

function tree2() {
    let element1 = document.getElementById("branch1");
    let element2 = document.getElementById("branch2");

    str1 = `border-right: 2px solid black;
        margin-left: 50%;`;
    element1.style = str1;

    str2 = `border-top: 2px solid black;
border-left: 2px solid black;
        border-right: 2px solid black;
        margin-left: 62.5%;`;
    element2.style = str2;
```

```
        str3 = `
        <button
            type="button"
            id="btn4"
            class="custom-btn btn-16"
            style="margin-left: 50%">
                Paawan Sharma
        </button>
        <button
            type="button"
            id="btn5"
            class="custom-btn btn-16"
            style="margin-right: 50%">
                Shivangi Mehta
        </button>`;

        element3 = document.getElementById("Courses");
        element3.innerHTML = str3;
    }
</script>
<div class="d-flex justify-content-center align-items-start" style="
    background-color: #05386b;
    height: 50px;
    color: #5cdb95;
    /* border-radius: 70px 70px 0px 0px; */
    " class="my-3 style=" height: 15px;>
    <h6>@Team PDEU</h6>
</div>
</div>
</body>
</html>
```

## Library.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>Pandit Deendayal Energy University</title>
  <link href="https://fonts.googleapis.com/css2?family=Lato&display=swap"
rel="stylesheet" />
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.cs
s" rel="stylesheet"
  integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEY/Dwwykc2MPK8M2HN"
crossorigin="anonymous" />
</head>

<body style="padding-top: 54px;">
  <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top">
    <div class="container-fluid">
      <a class="navbar-brand" href="#" style="
color: #05386b;
font-weight: 600;
font-family: Garamond, Helvetica, sans-serif;
padding-right: 950px;
">PDEU</a>
      <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
        data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
        aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse"
id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link active" aria-current="page"
href="1.html">Home</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>

  <div class="container">
    <div class="mt-2">
      <h1 class="bckph text-center" style="font-size: 60px; font-
```

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```
weight: 900; height: 80px">
    Library is Empty...sorry for inconvenience
</h1>
</div>
<div class="d-flex justify-content-center">
</div>
</body>
</html>
```

## 1.css

```
/* Button on the first page*/
.frame {
    width: 90%;
    margin: 40px auto;
    text-align: center;
}

button {
    margin: 20px;
}

.custom-btn {
    width: 300px;
    height: 70px;
    color: #fff;
    border-radius: 5px;
    padding: 10px 25px;
    font-family: 'Lato', sans-serif;
    font-weight: 650;
    background: transparent;
    cursor: pointer;
    transition: all 0.3s ease;
    position: relative;
    display: inline-block;
    box-shadow: inset 3px 3px 3px 0px rgba(255, 255, 255, .5),
        7px 7px 20px 0px rgba(0, 0, 0, .1),
        4px 4px 5px 0px rgba(0, 0, 0, .1);
    outline: none;
}

.btn-16 {
    border: none;
    color: #000;
}

.btn-16:after {
```

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```
position: absolute;
content: "";
width: 0;
height: 100%;
top: 0;
left: 0;
direction: rtl;
z-index: -1;
box-shadow:
    -7px -7px 20px 0px #fff9,
    -4px -4px 5px 0px #fff9,
    7px 7px 20px 0px #0002,
    4px 4px 5px 0px #0001;
transition: all 0.3s ease;
}

.btn-16:hover {
    color: #000;
}

.btn-16:hover:after {
    left: auto;
    right: 0;
    width: 100%;
}

.btn-16:active {
    top: 2px;
}

/* Color background -----
*/
.bckph {
    font-size: 50px;
    font-weight: 900;
    background-image: url("https://images.unsplash.com/photo-1543857778-
c4a1a3e0b2eb?ixlib=rb-
4.0.3&ixid=M3wxMjA3fDB8MHxzZWZyY2h8MzR8fGFic3RyYWN0JTIwcGFpbmRpbmd8ZW58MHx8M
Hx8fDA%3D&auto=format&fit=crop&w=400&q=60");
    color: #05386b;
    background-size: cover;
    background-clip: text;
    -webkit-background-clip: text;
}

/* tree -----
*/
```



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```
:root {  
    font-size: 14px;  
}  
  
.tree-view {  
    position: relative;  
  
    display: flex;  
    flex-direction: column;  
  
    width: max-content;  
  
    font-size: 1.25rem;  
  
    padding-left: 1rem;  
  
    user-select: none;  
}  
  
.branch-node {  
    position: relative;  
  
    padding-left: 2rem;  
  
    cursor: pointer;  
}  
  
.branch-node::before,  
.branches> ::before {  
    content: "";  
  
    position: absolute;  
  
    left: -0.5rem;  
    top: 1.5rem;  
  
    width: 3rem;  
  
    border-left: 2px solid black;  
    border-top: 2px solid black;  
}  
  
.branch-node:not(:last-child)::before,  
.branches> :not(:last-child)::before {  
    height: 100%;  
}
```

```
.branch-node:last-child::before,
.branches> :last-child::before {
    border-top: 0;
    border-bottom: 2px solid black;
}

:not(.tree-view)>.branch-node:first-child::after,
.branches> :first-child::after {
    content: "";

    position: absolute;

    left: -0.5rem;
    top: -1.5rem;

    height: 3rem;

    border-left: 2px solid black;
}

.branch-title {
    position: relative;

    display: list-item;
    list-style: none;

    width: max-content;
    height: 3rem;
    line-height: 3rem;

    padding-left: 3rem;
    padding-right: 1rem;
    padding-bottom: 1.5rem;
}

.branch-title::before {
    content: "►";

    position: absolute;

    left: 1rem;

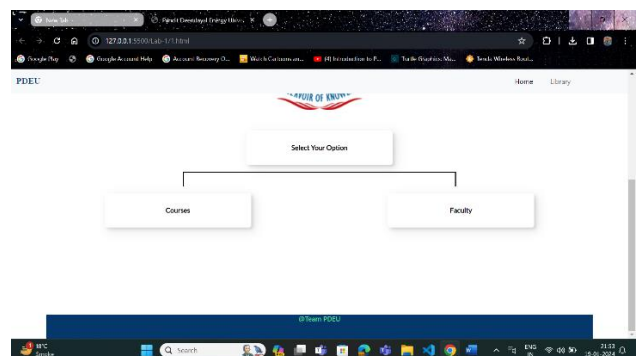
    margin-right: 1rem;
}
```

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```
.branch-node.open>.branch-title::before {  
    transform: rotate(90deg);  
}  
  
.branch-node.open>.branches {  
    display: initial;  
}  
  
.branches {  
    display: none;  
  
    padding: 0;  
    margin: 0;  
}  
  
.branches>.branch-node {  
    margin-left: 2rem;  
}  
  
.branches>li {  
    position: relative;  
  
    list-style: none;  
  
    width: fit-content;  
    min-height: 4rem;  
    line-height: 3rem;  
  
    margin-left: 2rem;  
    padding-left: 3rem;  
}
```

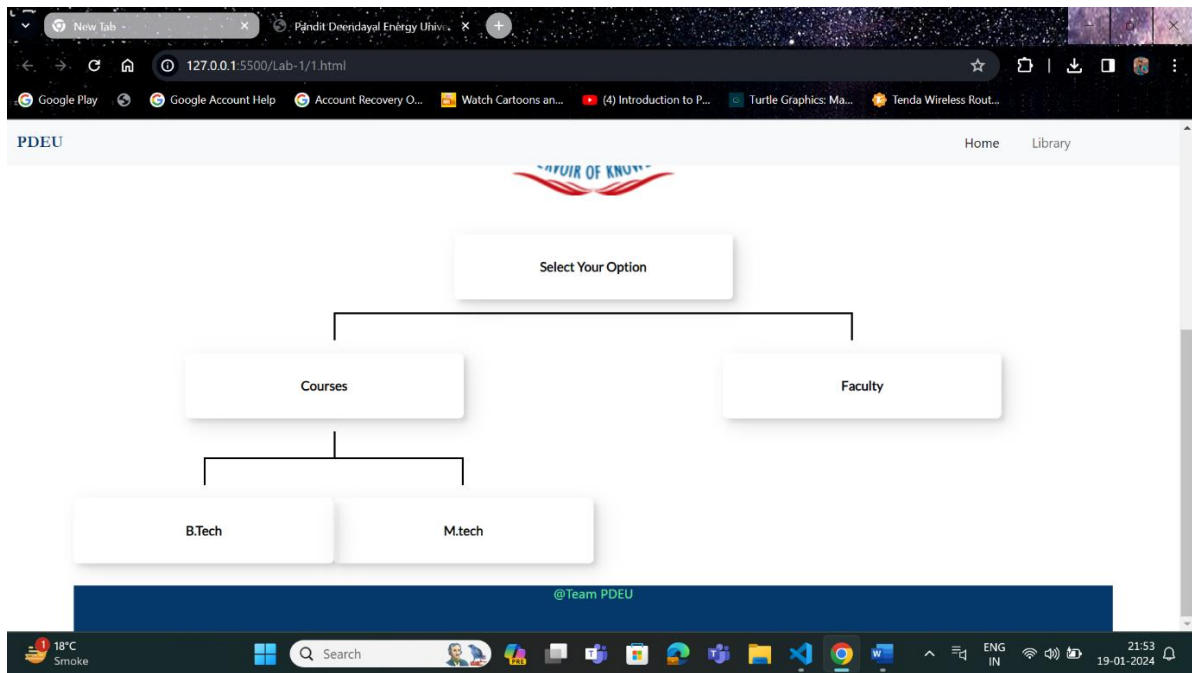
## Output:

Home Page:

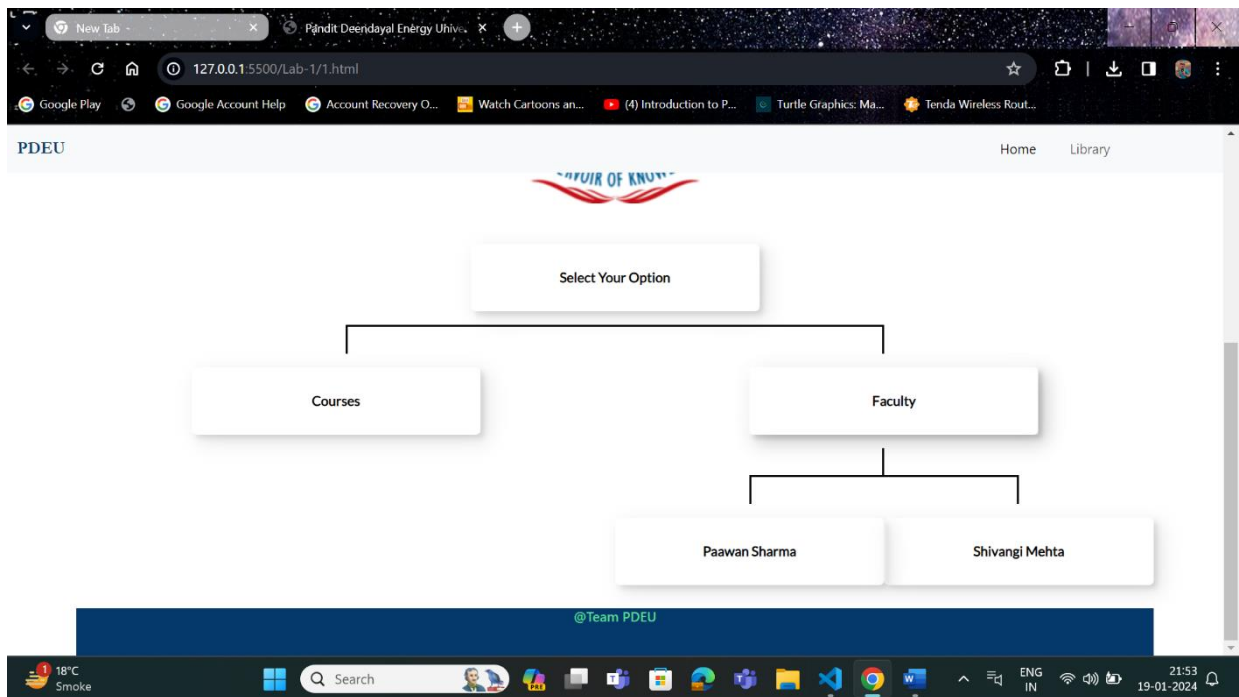


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Click on Course:



Click on Faculty:



Click on Library:

