 BHOJ REDDY ENGINEERING COLLEGE WOMEN

(Sponsered by Sangam Laxmibai Vidyapeet)

Approved by AICTE Affiliated to JNTUH Hyderabad

MINI PROJECT

ON

“DRAG AND DROP”

Done by:

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**CLASS:**II CSM

**SUBJECT:**DJANGO LABORATORY

**INDEX.HTML**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

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

<title>Drag N Drop</title>

</head>

<body>

<div class="empty">

<div class="fill" draggable="true"></div>

</div>

<div class="empty"></div>

<div class="empty"></div>

<div class="empty"></div>

<div class="empty"></div>

<script src="script.js"></script>

</body>

</html>

**SCRIPT.JS**

const fill = document.querySelector('.fill')

const empties = document.querySelectorAll('.empty')

fill.addEventListener('dragstart', dragStart)

fill.addEventListener('dragend', dragEnd)

for(const empty of empties) {

empty.addEventListener('dragover', dragOver)

empty.addEventListener('dragenter', dragEnter)

empty.addEventListener('dragleave', dragLeave)

empty.addEventListener('drop', dragDrop)

}

function dragStart() {

this.className += ' hold'

setTimeout(() => this.className = 'invisible', 0)

}

function dragEnd() {

this.className = 'fill'

}

function dragOver(e) {

e.preventDefault()

}

function dragEnter(e) {

e.preventDefault()

this.className += ' hovered'

}

function dragLeave() {

this.className = 'empty'

}

function dragDrop() {

this.className = 'empty'

this.append(fill)

}

**STYLE.CSS**

\* {

box-sizing: border-box;

}

body {

background-color: steelblue;

display: flex;

align-items: center;

justify-content: center;

height: 100vh;

overflow: hidden;

margin: 0;

}

.empty {

height: 150px;

width: 150px;

margin: 10px;

border: solid 3px black;

background: white;

}

.fill {

background-image: url('https://source.unsplash.com/random/150x150');

height: 145px;

width: 145px;

cursor: pointer;

}

.hold {

border: solid 5px #ccc;

}

.hovered {

background-color: #333;

border-color: white;

border-style: dashed;

}

@media (max-width: 800px) {

body {

flex-direction: column;

}

}

**OUTPUT:**

