

# EX NO 1: CREATE A HTML FORM FOR BUILDING YOUR RESUME APPLY INTERNAL, EXTERNAL CSS IN THE FORM

## INDEX.HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Resume</title>
  <link rel="Style Sheet" href="style.CSS">
  <style>
    /* internal css*/
    body{
      font-family: Arial, Helvetica, sans-serif;
      background-color: #f4f4f4;
    }
    .Resume-container{
      width: 60%;
      margin: 50px auto;
      padding: 20px;
      background: #a55d93;
      box-shadow: 0 10px 0 rgba(0,0,0,0.1);
      border: 2px solid #007BFF;
      position: relative;
```

```
}  
h1 {  
    text-align: center;  
    color:#007BFF;  
    border-bottom: 2px Solid #007BFF;  
    padding-bottom: 10px;  
    margin-bottom: 20px;  
}  
h2{  
    color:#333;  
    border-bottom:1px Solid #CCC;  
    padding-bottom: 5px;  
    margin-bottom: 15px;  
}  
.Section{  
    margin-bottom: 20px;  
}  
.profile-pic{  
    Position:absolute;  
    top:20px;  
    right:20px;  
    width:100px;  
    height: 100px;  
    border-radius: 50%;  
    border:2px Solid#007BFF;
```

```
}
a{
    /* color: #333; */
    text-decoration: none;
}
</style>
</head>
<body>
    <div class="Resume-container">
        <img Src="Dhoni-2011.webp"alt="profile picture"class="profile-pic">
        <h1> Biodata</h1>
        <p> <strong>VIJAY</strong></p>
        <p>Email :<a href="#"> vijay@gmail.com</a> </p>
        <p> Address:Trichy</p>
        <div class="Section">
            <h2> Skills</h2>
            <ul>
                <li> HTML</li>
                <li> CSS</li>
                <li> JAVASCRIPT</li>
                <li> python</li>
            </ul>
        </div>
    <div class ="Section"></div>
    <h2> Experience</h2>
```

<p> <strong>Junior Software Developer at xyz</strong></p>

<p> June 2021-June 2024</p>

<u1>

<li> Developed and maintained the company</li>

<li> Collaborated with designer to create user friendly </li>

</u1>

<p><strong> web Developer at xyz</strong> </p>

<p> June 2024-Present</p>

<u1>

<li> worked on various web application using java script frame works</li>

<li> Provided technical Support and troubleshooting</li>

</u1>

<div class="Section">

<h2> Education </h2>

<ul>

<li><p> <strong> Bachelor of computer Science</strong></p></li>

<p> Jamal Mohamed College,2021-2024</p>

<li>

<P> <strong> Master of Computer Science</strong></P>

<p> Jamal Mohamed College,2024-2026</p>

</li>

</ul>

</div>

</body>

</html>

## STYLE.CSS

```
/*External CSS*/
```

```
u1 {
```

```
    list-style-type: disc;
```

```
    padding-left: 20px;
```

```
}
```

```
li{
```

```
    margin-bottom:10px;
```

```
}
```

```
.resume -container {
```

```
    background-color:#e9f7fd;
```

```
    border-radius:10px;
```

```
}
```

```
.profile- pic{
```

```
    box-shadow: 0 5px 0px rgba(0,0,0,0.1);
```

```
}
```

---

## EXNO 2: DESIGN A WEBSITE USING HTML AND DHTML USE BASIC FORMATTING TEXT AND IMAGES:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Simple Web Page</title>
  <style>
    body{
      font-family:Arial,sans-serif;
      line-height:1.6;
      margin: 20px;
    }
    h1{
      color:red;
    }
    p{
      color:blue;
    }
  </style>
</head>
<body>
  <!--Header-->
  <h1> Welcome to my world</h1>
  <!--paragraph with basic text formatting-->
```

```

    <p> sample webpage</p>
<strong> bold </strong>
<em> italic </em>
<u> underline </u>
<p> You can also use list</p>
<u1>
    <li>item 1</li>
    <li>item 2</li>
    <li>item 3</li>
</u1>
<!--inserting an image-->
<p> here an image of beautiful landscape </p>
<center>
    
</center>
<!--DHTML_Simple interactive element using Javascript-->
<div id="magicMessage" style="display: none;">
    This is a magic message!
</div>
<button onclick="ShowMagicMessage()">Show Magic Message</button>
<p id="magic message" Style="display:none;color:green;"> Hi, welcome to
jamal Mohamed Collge!</p>
<!--Javascript to show the magic message when the button is clicked -->
<script>
    function ShowMagicMessage() {

```

```
var messageElement = document.getElementById("magicMessage"); //
ID should be without spaces
```

```
if (messageElement) { // Check if the element exists
    messageElement.style.display = "block";
} else {
    console.error("Element with ID 'magicMessage' not found.");
}
}
```

```
</script>
```

```
</body>
```

```
</html>
```

---



### EXNO 3: WRITE A JAVASCRIPT PROGRAM TO LIST THE PROPERTIES OF JAVASCRIPT OBJECT:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Object properties</h1>
  <table id="propertiesTable">
    <thead>
      <tr>
        <th>property name </th>
        <th>property value</th>
      </tr>
    </thead><tbody></tbody><script src="script.js"></script>
  </table>
  <script>
    document.addEventListener('DOMContentLoaded', function(event) {
const person = {
  name: 'vijay',
  age: 21,
  occupation: 'webdeveloper'
```

```
};  
const tableBody = document.querySelector('#propertiesTable');  
  
function addTableRow(propertyName, propertyValue) {  
    const row = document.createElement('tr');  
  
    const nameCell = document.createElement('td');  
    nameCell.textContent = propertyName;  
    row.appendChild(nameCell);  
  
    const valueCell = document.createElement('td');  
    valueCell.textContent = propertyValue;  
    row.appendChild(valueCell);  
  
    tableBody.appendChild(row);  
}  
  
for (const property in person) {  
    if (person.hasOwnProperty(property)) {  
        addTableRow(property, person[property]);  
    }  
}  
}); </script>  
</body></html>
```

---

## EX NO 4: WRITE A JAVASCRIPT PROGRAM TO CREATE A REGISTRATION FORM

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h2>Register form</h2>
  <form id="regform">
    <div>
      <label for="uname">Username:</label>
      <input type="text" id="uname">
      <span id="unameerror" class="error"></span>
    </div>
    <div>
      <label for="password">Password:</label>
      <input type="password" id="password">
      <span id="passerror" class="error"></span>
    </div>
    <button type="submit">Register</button>
  </form>
```

```
<script>
    document.getElementById("regform").addEventListener("submit",
function(event) {
    event.preventDefault();
    var Username = document.getElementById("uname").value;
    var Password = document.getElementById("password").value;
    if (Username=== "") {
        document.getElementById("unameerror").textContent =
"Username required";
    }
    if (Password=== "") {
        document.getElementById("passerror").textContent = "Password
required";
    }
    if (Password.length<6) {
        document.getElementById("passerror").textContent = "Password
must be at least 6 characters";
    }
    if (!Username=="" && !Password.length<6){
        alert("Registered successfully");
        document.getElementById("regform").reset();
    }
    });
</script>
</body>
</html>
```

---

## EXNO 5 : WRITE A HTML PROGRAM TO DRAWING GRAPHICS ON WEBPAGE USING CANVAS ELEMENT:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>canvas graphics</title>
  <style>
    canvas {
      border: 1px solid black;
    }
  </style>
</head>
<body>
  <canvas id="mycanvas" width="400" height="400"></canvas>
  <script>
    var canvas = document.getElementById('mycanvas');
    var context = canvas.getContext('2d');
    context.fillStyle = "red"; // Fixed property name
    context.fillRect(50,50,100,100);
    context.beginPath(); // Fixed method name
    context.arc(200, 200, 50, 0, 2 * Math.PI);
```

```
    context.fill(); // Fill the circle with red
    context.stroke(); // Draw the line
</script>
</body>
</html>
```

---

## EXNO 6: WRITE A SIMPLE PHP PROGRAM FOR DATABASE CONNECTIVITY

```
<!DOCTYPE html>
<html>
<head>
    <title>Create Table and Insert Record</title>
</head>
<body>
    <form method="POST">
        <h1>Insert Record</h1>
        <label>Roll NO:</label>
        <input type="text" name="r" required><br><br>
        <label>Name:</label>
        <input type="text" name="n" required><br><br>
        <label>Age:</label>
        <input type="number" name="a" required><br><br>
        <input type="submit" value="Submit">
    </form>
    <?php
    // Check if the form has been submitted using POST method
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        // Retrieve form data
        $r = $_POST['r'];
        $n = $_POST['n'];
```

```
$a = $_POST['a'];  
// Establish MySQL database connection  
$con = mysqli_connect("localhost", "root", "", "stdu");  
// Check if the connection failed  
if (!$con) {  
    die("Database connection failed: " . mysqli_connect_error());  
}  
// Prepare an SQL statement to prevent SQL injection  
$stmt = $con->prepare("INSERT INTO student (rollno, name, age)  
VALUES (?, ?, ?)");  
$stmt->bind_param("isi", $r, $n, $a); // "i" for integer, "s" for string  
// Execute the statement and check if the record was inserted  
if ($stmt->execute()) {  
    echo "<p>Record inserted successfully</p>";  
} else {  
    echo "<p>Error inserting record: " . $stmt->error . "</p>";  
}  
// Close the prepared statement and database connection  
$stmt->close();  
$con->close();  
}  
?>  
</body>  
</html>
```

---



## EXNO 7: WRITE A PROGRAM TO DISPLAY SESSIONID, CREATION TIME AND LAST ACCESS TIME OF THE WEBPAGE USING PHP

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Session Information</title>
</head>
<body>
  <h1>Session Information</h1>
  <?php
    session_start(); // Start the session
    // Store session ID
    $_SESSION['ID'] = session_id();
    // Check if session creation time is set, if not set it
    if (!isset($_SESSION['CREATION_TIME'])) {
      $_SESSION['CREATION_TIME'] = time();
    }
    // Update last access time
    $_SESSION['LAST_ACCESS_TIME'] = time();
  ?>
  <p><strong>SESSION ID:</strong></p>
  <?php
```

```
// Corrected the variable name to output session ID
echo $_SESSION['ID'];
?>

<p><strong>SESSION CREATION TIME:</strong></p>
<?php
// Display session creation time
echo date('Y-m-d H:i:s', $_SESSION['CREATION_TIME']);
?>

<p><strong>SESSION LAST ACCESS TIME:</strong></p>
<?php
// Corrected case for session last access time variable
echo date('Y-m-d H:i:s', $_SESSION['LAST_ACCESS_TIME']);
?>
</body>
</html>
```

---

## EXNO 8: singleton selection

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>jQuery Single Element Example</title>
  <link href="/favicon.ico" type="image/x-icon" rel="icon" />
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
</head>
<body>
<div class="item">item1</div>
<div class="item">item2</div>
<div class="item">item3</div>
<div class="item">item4</div>
<div class="item">item5</div>
<script>
  $(document).ready(function() {
    var items = $(".item");
    // Corrected typo: changed 'itmes' to 'items'
    var firstItem = items.first();
    console.log("First item:", firstItem.text());
    // Corrected typo: changed 'itmes' to 'items'
    var thirdItem = items.eq(2);
    console.log("Third item:", thirdItem.text());
```

```
// Corrected variable name in 'console.log'
var customItem = items.filter(function(index) {
    return index % 2 === 0;
}).first();
console.log("Custom item (even index):", customItem.text());
});
</script>
</body>
</html>
```

---

## EXNO 9: WRITE A JQUERY PROGRAM TO ATTACH CLICK AND DOUBLECLICK EVENTS TO ALL ELEMENTS

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Click and Double Click</title>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scri
pt>
  <script>
    $(document).ready(function() {
      $(".clickable-ele").bind("click", function() {
        $("<h4>Welcome to Jamal Mohamed
College</h4>").appendTo(".res");
      });
      $(".clickable-ele1").bind("dblclick", function() {
        $("<h4>Thank you</h4>").appendTo(".res");
      });
    });
  </script>
</head>
<body>
  <div class="clickable-ele">Single Click</div>
  <div class="clickable-ele1">Double Click</div>
```

```
<div class="res">Results will appear here</div>  
</body>  
</html>
```

---

## EXNO 10: WRITE A JQUERY PROGRAM TO GET THE VALUE OF A TEXTBOX

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Get Text Box Value</title>
  <script src="https://code.jquery.com/jquery-3.7.1.min.js"
    integrity="sha256-
/JqT3SQfawRcv/BIHPTThkBvs0OEvtFFmqPF/IIYI/Cxo="
    crossorigin="anonymous">
  </script>
</head>
<body>
  <label for="myTextBox1">Enter Your Name:</label>
  <input type="text" id="myTextBox1"/><br>

  <label for="myTextBox2">Enter Your RollNo:</label>
  <input type="text" id="myTextBox2"/><br>

  <button id="getvaluebutton">Get value</button>

  <script>
    $(document).ready(function(){
```

```
$("#getvaluebutton").click(function(){  
    var name = $("#myTextBox1").val();  
    var RollNo = $("#myTextBox2").val();  
    alert("Student Name: " + name);  
    alert("Student RollNo: " + RollNo);  
});  
});  
</script>  
</body>  
</html>
```

---



## EXNO 11: WRITE A PROGRAM TO CONVERT PHP OBJECT INTO JSON

### CONVERT.PHP

```
<?php if($_SERVER["REQUEST_METHOD"]=="POST")
{
$name=$_POST["name"];
$age=$_POST["age"];
$city=$_POST["city"];
$person=new stdClass();
$person->name=$name;
$person->age=$age;
$person->city=$city;
$jsonString=json_encode($person);
    if($jsonString!==false)
    {
echo"<h1>JSON Result:</h1>";
echo"<pre>$jsonString</pre>";
    }else {
echo"JSON encoding failed";
    }
}
?>
```

## CONVERT.HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>PHP Object to JSON Converter</title>
  </head>
  <body>
    <h1>Convert PHP Object to JSON</h1>
    <form action="convert.php" method="post">
      <label for="name">Name:</label>
      <input type="text" name="name" id="name" required /> <br />
      <label for="age">Age:</label>
      <input type="number" name="age" id="age" required /> <br />
      <label for="city">City:</label>
      <input type="text" name="city" id="city" required /> <br />
      <input type="submit" value="Convert to JSON" />
    </form>
  </body>
</html>
```