

## Assignment -2

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Create a HTML form with a button named 'change' and a paragraph about the college. Write JavaScript code to modify the style of the paragraph text as specified below.

- Clicking on the button named 'change' changes the font, font-size, and colors of the paragraph text to be changed.
- To highlight the bold words of the paragraph on mouse over a certain word.

HTML to sum with a submit button named 'change' and a paragraph about the college. The JavaScript code modifies the style of the paragraph text as specified.

```
<!DOCTYPE HTML>
<html>
<head>
<title> Modify Paragraph Style </title>
<style>
#college_info {
    font-family: Arial, sans-serif;
    font-size: 16px;
    color: black;
}
#college_info b {
    background-color: yellow;
}
```

```
<!DOCTYPE HTML>
<html>
<head>
<body>
<form id="styleForm">
    <input type="submit" value="Change" id="changeButton" />
```

② Create a document form <img> elements and append it to the document using JavaScript with the following specifications. When someone clicks on the button then the <img> elements created.

To create an <img> element and append it to the document when someone clicks on a button using JavaScript

```
<!DOCTYPE HTML>
<html>
<head>
<title> Append Image Element </title>
</head>
<body>
<button id="createImageButton" onclick="createImage()">Create Image</button>
<script>
document.getElementById("createImageButton").addEventListener("click", function() {
```

```
var imgElement = document.createElement('img');  
imgElement.setAttribute('src', 'https://via.placeholder.com/150');
```

```
document.body.appendChild(imgElement);
```

```
});
```

```
</script>
```

```
</body>
```

```
</html>
```

Output: https://via.placeholder.com/150

Explanation: The script creates an image element and sets its source attribute to the URL 'https://via.placeholder.com/150'.

The image element is then appended to the body of the document.

Output: <img alt='Image'>

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