1. Create a html form with a submit button namely 'change' and a paragraph about the college. write Javascript code modify the style of the paragraph text as specified below
i) Clicking on the button named change the font, font size and colour of the paragraph text to be changed.
ii) To highlight the bold words of the Paragraph on mouse over a certain word.

Solution:

```html
<! DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device
    width, initial-scale=1.0">
<title> Change Paragraph Style </title>
<style>
    .highlight {
        font-weight: bold;
        colour: red;
    }
</style>
</head>
<body>
<form id="Change form">
<input type="submit" value="change"
    id="Change Button">
</form>
<p id="college info"> welcome to our college.
use offer a wide range of programs </p>
<script>
document.getElementById("change form")
    .addEventListener("submit", function(event) {
        event.preventDefault();
        change paragraph style();
    });
function changeparagraph Style() {
    var paragraph = document.getElement
        ById("college Info");
    paragraph.style.font-family="Arial";
    paragraph.style.font size="20px";
    paragraph.style.colour="blue";
}
document.getElementById("college Info")
    .if(event.target.target name === "8")
    {
        event.target.classList.add("highlight");
    }
});
</script>
</body>
</html>
```

8. Create document for an <img> element and append it to the document using Javascript with the following Specifications. When someone clicks on the button the <image> element created?

Solution:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device
     -width, initial-scale=1.0">
<title> Append Image </title>
</head>
<body>
<button id="Create Image Button"> Create Image
</button>
<script>
   document.getElementById("Create Image
                          Button")
   .addEventListener("click", function(){
        Create Image();
   });
```

```
function CreateImage()
{
    var img= document.CreateElement("img");
    img.src = "https://via.placehold.co/150";
    document.body.appendChild(img);
}
</body>
</html>
```

Here, In this Code, when the button with the Id "Create Image Button" is Clicked, the CreateImage() function is called. This function dynamically creates an <img> Element, sets its source ("src") to a placeholder image url, sets its alternate the text ("alt") for accessibility Purpose and then appends the image to the document body.