

### **Tutorial No. 04**

**Title:** CSS3 – Background, Gradient, Opacity, Drop shadows, Transition, Transformation, Pseudo selectors and Pseudo element.

**Batch: B1**

**Roll No.: 16010420133**

**Tutorial No.: 4**

**Aim:** To design a Web page using HTML 5 and stylise it using CSS3 – Background, Gradient, Opacity, Drop shadows, Transition, Transformation, Pseudo selectors and Pseudo element.

---

**Resources needed:** Notepad++, Web Browser

---

**Theory:**

---

#### **Activity**

Design a web page using the CSS properties like Colors and Background-color, Lengths and percentages, Margin and padding, Borders, Navigation bars, Background, Gradient, Opacity, Drop shadows, Transition, Transformation, Pseudo selectors and Pseudo element.

**Results: (Program printout with output)**

```
<!DOCTYPE html>
<html>
<head>
<style> div.A
{
background-color: white;
opacity: 0.7; width:
800px; border: 15px
solid black;
padding: 50px; margin:
20px;
background-image: linear-gradient(green, yellow); transform:
rotate(10deg);
}
div.B {
background-color: white;
opacity: 0.8; width:
800px;
border: 17px solid green;
padding: 50px; margin:
20px;
background-image: linear-gradient(to right, red,orange,yellow,green,blue,indigo,violet);
transform: skewY(20deg);
}
div.C {
background-color: white;
opacity: 0.9; width:
800px;
border: 10px solid yellow; padding:
50px;
margin: 20px;
transform: scaleY(1.2);
}
p.tk {
white-space: nowrap; width:
300px;
border: 2px solid #000000; overflow:
hidden;
text-overflow: ellipsis;
}
</style>
</head>
<body bgcolor="red">
<center>
```

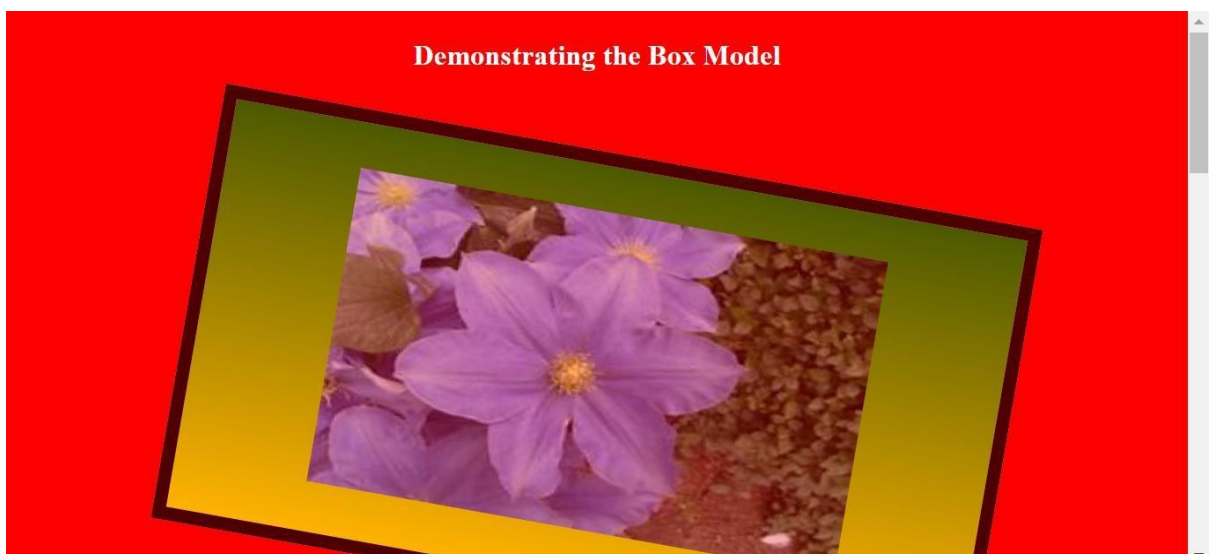
```
<h1>
<p style="color:white;">Demonstrating the Box Model</p>
</h1><br><br>
<h2>
<div class="A">

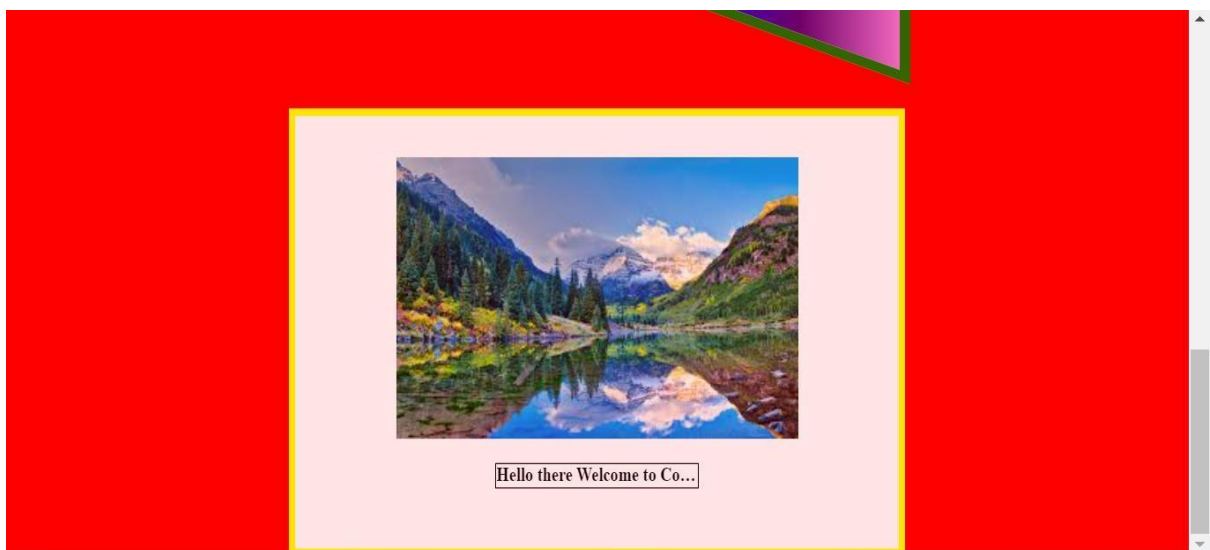
</div><br><br><br><br>
<div class="B">

<p class="tk" style="color:white;"> Hello there Welcome to Alberta Canada </p>
</div><br><br><br><br><br><br><br><br>
<div class="C">

<p class="tk"> Hello there Welcome to Colorado USA </p>
</div>
</h2>
</center>
</body>
</html>
```

### Output:





Outcomes:

Create Web pages using HTML 5 and CSS.

**Conclusion: (Conclusion to be based on the outcomes achieved)**

We can conclude that we were successfully able to create a webpage using HTML5 tags and CSS properties such as Inline, Internal styling, box model, Transformation, Opacity, Text Overflow.

---

**Grade: AA / AB / BB / BC / CC / CD /DD**

Signature of faculty in-charge with date

---

**References:**

**Books/ Journals/ Websites:**

- “Web technologies: Black Book”, Dreamtech Publications □
- <http://www.w3schools.com> □