

### Question -1

**Write a HTML and CSS Code to Design a Circle with Following Specifications:**

**Width - 200px Height - 200px Background - Red Border - 2px Double Line and Black Color  
Change the background color as Yellow when mouse is move over to the Circle.**

**Ans:**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>css1</title>
  <style>
    div {
      width: 200px;
      height: 200px;
      background-color: red;
      border: 2px double black;
      border-radius: 50%;
    }

    div:hover {
      background-color: yellow;
    }
  </style>
</head>

<body>
  <div></div>
</body>

</html>
```

## Question -2

**Write a CSS Code which change the Shape of Square into Circle when User Move the mouse over square.**

**Ans:**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>css2</title>
  <style>
    div {
      width: 200px;
      height: 200px;
      border: 2px solid red;
      background-color: purple;
    }

    div:hover {
      border-radius: 50%;
      background-color: red;
      border: 2px solid purple;
    }
  </style>
</head>

<body>
  <div></div>
</body>

</html>
```

### Question -3

Css code to create 3 different colors box which partially overlapped to each other

Ans:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>css3</title>
  <style>
    div {
      width: 300px;
      height: 300px;
      position: absolute;
      opacity: 0.7;
    }

    .box1 {
      background-color: red;
    }

    .box2 {
      background-color: purple;
      top: 100px;
      left: 100px;
    }

    .box1 {
      background-color: chocolate;
      top: 200px;
      left: 200px;
    }
  </style>
</head>

<body>
  <div class="box1"></div>
  <div class="box2"></div>
  <div class="box3"></div>
</body>

</html>
```

**Question -4:**

**Write CSS code to design a box using div with following specifications:**

**Width: 300px Height:300px Background color: Green Border: 3px solid style and Red color**

**Ans:**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>css4</title>
  <style>
    div {
      width: 300px;
      height: 300px;
      background-color: green;
      border: 3px solid red;
    }
  </style>
</head>
<body>
  <div></div>
</body>
</html>
```