

HTML CSS Tasks

Write equation using HTML & CSS:

```
<html lang="en">
  <head>
    <title>HTMLCSS</title>
    <style>
      span{
        display: inline-block;
        vertical-align: middle;
      }
      .n {
        text-align: center;
        border-bottom: 1px solid black;
      }
      .d {
        text-align: center;
      }
    </style>
  </head>
  <body>
    <span>
      <div class="n">&#8706;<sup>2</sup>u</div>
      <div class="d">&#8706;t<sup>2</sup></div>
    </span>
    &#61;
    c<sup>2</sup>
    <span>
      <div class="n">&#8706;<sup>2</sup>u</div>
      <div class="d">&#8706;x<sup>2</sup></div>
    </span>
  </body>
</html>
```

CSS Rule for images

Rounded borders:

```
<head>
<style>
  .banner
  {
    border-radius: 25px;
    background: url(C:\Users\lenovo\Pictures\print frequent digits.PNG);
    background-position: left top;
    background-repeat: repeat;
```

```

padding: 20px;
width: 200px;
height: 150px;

}
</style>
</head>
<body>
  <div class="header">
    
  </div>
</body>

```

Dashed Border

```

<head>
  <title>HTMLCSS</title>
  <style>
    .banner
    {
      border-style: dashed;
      background: url(C:\Users\lenovo\Pictures\print frequent digits.PNG);
      background-position: left top;
      background-repeat: repeat;
      width: 200px;
      height: 150px;

    }
  </style>
</head>
<body>
  <div class="header">
    
  </div>
</body>

```

Grayscale:

```

<head>
  <title>HTMLCSS</title>
  <style>
    .banner
    {
      filter: grayscale(50%);
      background: url(C:\Users\lenovo\Pictures\print frequent digits.PNG);
      background-position: left top;

```

```

        background-repeat: repeat;
        width: 200px;
        height: 150px;

    }
</style>
</head>
<body>
    <div class="header">
        
    </div>
</body>

```

Media Rule for webpage

```

<html lang="en">
    <head>
        <title>HTMLCSS</title>
    </head>
    <body>
        <h1 style="font-size:10vw;">Responsive Text</h1>
        <p style="font-size:5vw;">font with 5 view width.</p>
        <p>Normal without viewwidth</p>
    </body>
</html>

```

Some HTML & CSS Cursor properties

```

<html lang="en">
    <head>
        <title>HTMLCSS</title>
        <style>
            .alias{ cursor: alias;}
            .auto{cursor: auto;}
            .cell{cursor: cell;}
            .copy{cursor: copy;}
            .help{cursor:help}
            .text{cursor:text}
            .url{cursor:url(myBall.cur),auto;}
            .wait{cursor: wait;}
            .zoom-in{cursor:zoom-in}
        </style>
    </head>
    <body>
        <p class="alias"> alias</p>
        <p class="auto">auto</p>
    </body>
</html>

```

```

    <p class="cell">cell</p>
    <p class="copy">copy</p>
    <p class="help">help</p>
    <p class="text">text</p>
    <p class="url">URL</p>
    <p class="wait">wait</p>
    <p class="zoom-in">zoom-in</p>
  </body>
</html>

```

HTML CSS Box model

```

<html lang="en">
  <head>
    <title>HTMLCSS</title>
    <Style>
      .man
      {
        border-radius:10px;
        border-color:red;
        border-style:dashed;
        padding:10px;
        margin: 10px
      }
      .nou{
        border-radius:50px;
        border-color:black
        border-style:solid
        padding:20px;
        margin: 50px
      }
    </Style>
  </head>
  <body>

    <div class="man"><h1 style="font-size:10vw;">Responsive Text</h1></div>
    <div class="nou"><p style="font-size:5vw;">font with 5 view width.</p></div>
    <p>Normal without viewwidth</p>

  </body>
</html>

```

Change font properties when mouse hovers

```

<html lang="en">
  <head>

```

```

<title>HTMLCSS</title>
<Style>
  .main:hover
  {
    color:blue;
    font-size: large;
    font-family: cursive;
    background-color: green;
  }
</Style>
</head>
<body>
  <span class="main"> font size, color and family changes when mouse hovers here</span>
</body>
</html>

```

CSS 2D translate():

```

<html lang="en">
<head>
  <title>HTMLCSS</title>
  <Style>
    div
    {
      width:100px;
      height: 120px;
      background-color: lightgreen;
      border: 1px solid black;
      transform: translate(300px, 200px);
    }
  </Style>
</head>
<body>
  <div> The translate property is used to move the element from its current position</div>
</body>
</html>

```

CSS Tooltip:

```

<html lang="en">
<head>
  <title>HTMLCSS</title>
  <Style>
    .main
    {
      position: relative;

```

```

        display: inline-block;
        border-bottom: 1px dotted black;
    }
    .main .tooltiptext{
        visibility: hidden;
        width:120px;
        background-color: blanchedalmond;
        color: #fff;
        text-align:center;
        border-radius: 6px;
        padding: 5px 0;
        position: absolute;
        z-index: 1;
    }
    .main:hover .tooltiptext{
        visibility: visible;
    }
</Style>
</head>
<body>
    <div class="main"> This element will have tooltip when you hover here
    <span class="tooltiptext">Tooltip text</span></div>
</body>
</html>

```

CSS clip property:

```

<html lang="en">
<head>
    <title>HTMLCSS</title>
    <Style>
        img
        {
            position: absolute;
            clip:rect(0px, 200px, 200px, 0px)
        }
    </Style>
</head>
<body>
    
</body>
</html>

```

Design a text dropcaps:

```
<html lang="en">
  <head>
    <title>HTMLCSS</title>
    <Style>
      p::first-letter
      {
        font-size: 400%;
        font-weight: bold;
        float: left;
        initial-letter: 3;
      }
      p{
        width:200px;
        height:100px;
      }
    </Style>
  </head>
  <body>
    <p>Drop caps can be used to add emphasis to block of text but know they can affect
    readability.</p>
  </body>
</html>
```

Half-rounded rectangle:

```
<html lang="en">
  <head>
    <title>HTMLCSS</title>
    <Style>
      div
      {
        width:400px;
        height: 200px;
        background-color: lightseagreen;
        border-top-left-radius: 250px;
        border-bottom-right-radius: 250px;
      }
    </Style>
  </head>
  <body>

    <div></div>
  </body>
</html>
```

Rounded bottom left:

```
<html lang="en">
  <head>
    <title>HTMLCSS</title>
    <Style>
      div
      {
        width:400px;
        height: 200px;
        background-color: lightseagreen;
        border-top-left-radius: 250px;
        border-bottom-right-radius: 250px;
      }
    </Style>
  </head>
  <body>

    <div></div>
  </body>
</html>
```

Remove transparency when hovers:

```
<html lang="en">
  <head>
    <title>HTMLCSS</title>
    <Style>
      img
      {
        opacity: 0.2;
      }
      img:hover
      {
        opacity: 1;
      }
    </Style>
  </head>
  <body>
    
  </body>
</html>
```

Element to right using absolute positioning:

```
<html lang="en">
  <head>
```



```

<title>HTMLCSS</title>
<Style>
div
{
height:auto;
text-align:center;
top:0;
position:absolute;
right:0;
}
</Style>
</head>
<body>
<div>
element to right using absolute positioning
</div>
</body>
</html>

```

Adding scroll bar in <div>:

```

<html lang="en">
<head>
<title>HTMLCSS</title>
<Style>
div
{
width: 80px;
height: 100px;
overflow: auto;
}
</Style>
</head>
<body>
<div>
element added for scroll bar selector using overflow
</div>
</body>
</html>

```

Linear-gradient:

```

<html lang="en">
<head>
<title>HTMLCSS</title>
<Style>

```

```
div
{
width: 80px;
height: 100px;
border: 2px solid black;
background-image: linear-gradient(white, red, blue, green);
}
</Style>
</head>
<body>
<div>
</div>
</body>
</html>
```

Transform rotate:

```
<html lang="en">
<head>
<title>HTMLCSS</title>
<Style>
div
{
width: 80px;
height: 100px;
border: 2px solid black;
transform: rotate(45deg);
}
</Style>
</head>
<body>
<div>
</div>
</body>
</html>
```