

LAB EXPERIMENT – 4

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Question 1:

Code :

```
<!DOCTYPE html>

<html>

<head>

    <style>

        @keyframes example {

            0% {background-color:red; left:0px; top:0px;}

            25% {background-color:yellow; left:200px; top:0px;}

            50% {background-color:blue; left:200px; top:200px;}

            75% {background-color:green; left:0px; top:200px;}

            100% {background-color:red; left:0px; top:0px;}

        }

        div {

            width: 100px;

            height: 100px;

            position: relative;

            background-color: red;

            animation-name: example;

            animation-duration: 4s;

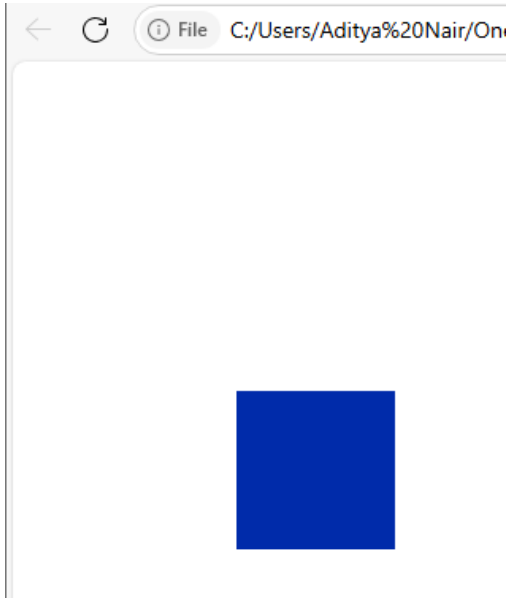
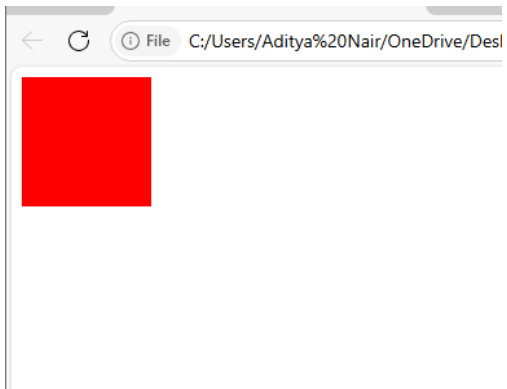
        }

    </style>

<body>

    <div></div>
```

OUTPUT :



Question 2:

Code :

```
<!DOCTYPE html>

<html>

  <style>

    body{

      display: flex;

      align-items: center;

    }

    div{

      margin: 50px;

      width: 150px;

      height: 150px;

      background-color: orange;

      position: relative;

      border-radius: 20px;

      transition: 1.5s;

    }

    div: hover{

      background-color: orange;

      border-radius: 50%;

      animation-name: sa;

      animation-duration: 5s;

      animation-iteration-count: infinite;

    }

    @keyframes sa{
```

25%

```
{  
  transform: translate(350px,0);  
}
```

50%

```
{  
  transform: translate(350px,350px);  
}
```

75%

```
{  
  transform: translate(0,350px);  
}
```

100%

```
{  
  transform: translateX(0,0);  
}  
}
```

</style>

<body>

<div></div>

</body>

OUTPUT :

Initial :



Question 3 :



CODE :

```
<!DOCTYPE html>
```

```
<html>
```

```
<style>
```

```
body{
```

```
    justify-content: center;
```

```
    align-items: center;
```

```
    margin:200px;
```

```
}
```

```
.a{
```

```
    width:150px;
```

```
    height:150px;
```

```
    background-color: red;
```

```
    position:absolute;
```

```
}
```

```
.a:hover{
```

```
    animation: sa 3s linear infinite;
```

```
}
```

```
.a1{
```

```
    width:150px;
```

```
    height:150px;
```

```
    background-color: green;
```

```
}
```

```
.a1:hover{
```

```
    animation-delay: 0.15s;

    animation: sa 100s linear infinite;
}

.a2{
width:150px;
height:150px;
background-color: yellow;
}

.a2:hover{
    animation-delay: 0.25s;
    animation: sa 100s linear infinite;
}

.a3{
width:150px;
height:150px;
background-color: orange;
}

.a3:hover{
    animation-delay: 0.25s;
    animation: sa 100s linear infinite;
    cursor: pointer;
}

.a4{
width:150px;
height:150px;
background-color: blue;
}

.a4:hover{
    animation-delay: 0.25s;
    animation: sa 100s linear infinite;
    cursor: pointer;
}

@keyframes sa{
    from{transform: rotate(0deg);}
```

```
to{transform:rotate(360deg);}
```

```
</style>
```

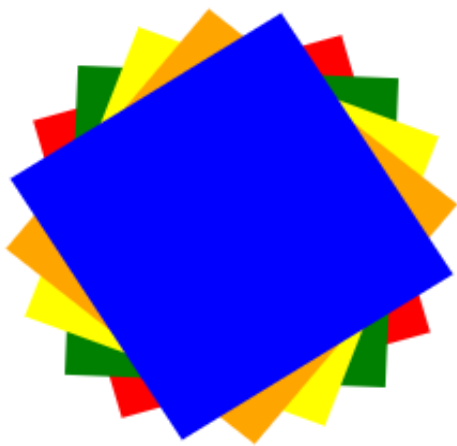
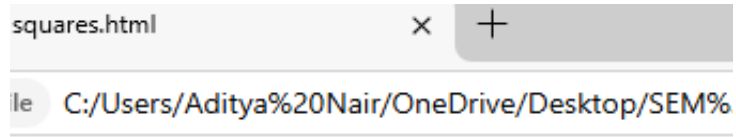
```
<body>
```

```
<div class="a"><div class="a1"><div class="a2"><div class="a3"><div class="a4"></div></div></div></div>
```

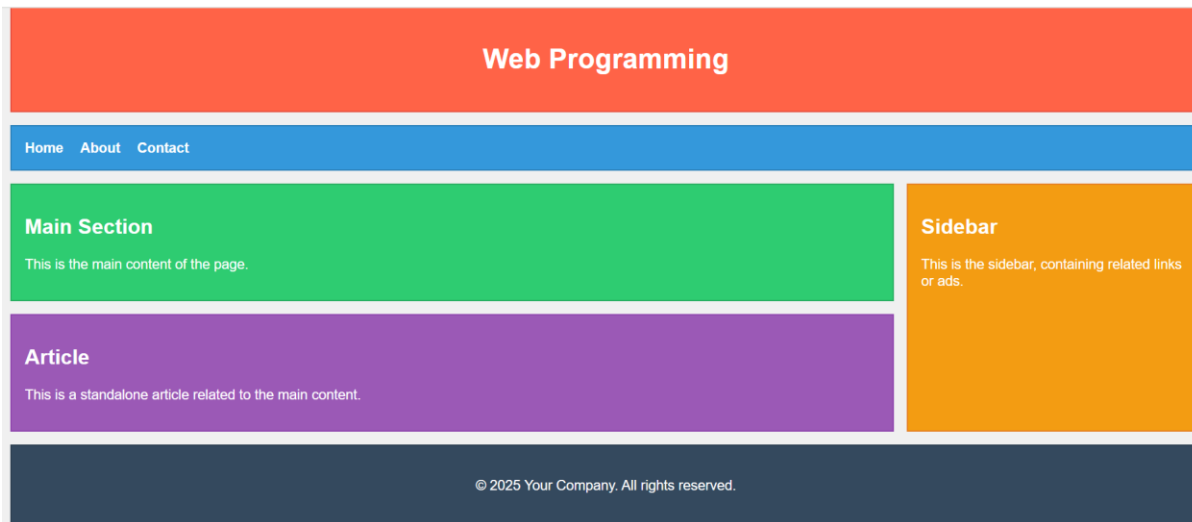
```
</body>
```

```
</html>
```

OUTPUT :



Question 4 :



CODE :

```
<!DOCTYPE html>

<html>

<head>

<style>

    *{

        background-color:#e4e4e4;

    }

    .a{

        padding: 40px;

        font-size:25px;

        text-align: center;

        color:white;

        font-weight:bold;

        margin:7px;

        font-family: sans-serif;

    }

    .b{

        display: flex;

    }

    .con{

        background-color:#46a2da;

        font-size:18px;
```

```
        color:white;

        font-family: sans-serif;

        margin:5px;

        padding:10px;}

.con:hover{background-color: skyblue;cursor: pointer;}
```

```
.c{

    padding: 40px;

    font-size:25px;

    color:white;

    font-weight:bold;

    font-family: sans-serif;

    margin:7px;

}

p{

    font-size: 18px;

}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="a" style="background-color:#ff6242;">Web Programming</div>
```

```
<div style="display:flex;margin:7px;background-color:#46a2da;">
```

```
<div class="con">Home</div>
```

```
<div class="con">About</div>
```

```
<div class="con">Contact</div>
```

```
</div>
```

```
<div class="b" >
```

```
<div style="width:69%;">
```

```
<div class="c" style="background-color:#00c04b;">
    Main Section <p style="background-color:#00c04b;">This is the main content of the
page.</p>
</div>
<div class="c" style="background-color:#a45ee9;">
    Article<p style="background-color:#a45ee9;">This is the standalone article to the
main content.</p>
</div>
</div>

<div class="c"style="background-color:#f9a602;width:31%">
    Sidebar<p style="background-color:#f9a602;">This is the Sidebar, containing related links or
ads.</p>
</div></div>

<div class="a" style="background-color:#203040;">
    <p style="background-color:#203040;">&copy; 2025 Your Company. All rights reserved. </p>
</div></body></html>
```

OUTPUT :

