

Q1}

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```
    *:root{
      --primary: #00b7ff;
      --secondary: #6c757d;
    }
    *{
      padding: 0;
      margin: 0 auto;
    }
    #primaryBtn {
      background-color: var(--primary);
    }
    #secondaryBtn{
      background-color: var(--secondary);
    }
  }
```

Q2}

→

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=\, initial-scale=1.0">
  <title>Task_2</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="scene">
    <div class="cube">
      <div class="face front">Front</div>
      <div class="face back">Back</div>
      <div class="face left">Left</div>
      <div class="face right">Right</div>
      <div class="face top">Top</div>
      <div class="face bottom">Bottom</div>
    </div>
  </div>
</body>
</html>
body {
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  margin: 0;
  background-color: #f4f4f4;
  font-family: Arial, sans-serif;
}
.scene{
  width: 200px;
  height: 200px;
  perspective: 600px;
}
.cube {
  width: 100%;
  height: 100%;
  position: relative;
  transform-style: preserve-3d;
  animation: rotate 5s infinite linear;
```

```

}

.face {
  position: absolute;
  width: 200px;
  height: 200px;
  background: rgba(0, 0, 255, 0.8);
  color: white;
  display: flex;
  justify-content: center;
  align-items: center;
  font-size: 20px;
  border: 2px solid #fff;
}

.front { transform: rotateY(0deg) translateZ(100px); }
.back   { transform: rotateY(180deg) translateZ(100px); }
.left   { transform: rotateY(-90deg) translateZ(100px); }
.right  { transform: rotateY(90deg) translateZ(100px); }
.top    { transform: rotateX(90deg) translateZ(100px); }
.bottom { transform: rotateX(-90deg) translateZ(100px); }

@keyframes rotate {
  from {
    transform: rotateX(0) rotateY(0);
  }
  to {
    transform: rotateX(360deg) rotateY(360deg);
  }
}

```

Q3}

→

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Task_3</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div id="container">
    <div class="loader" id="a"></div>
  </div>
</body>
</html>

```

```

.loader{
  height: 40px;
  width: 40px;
  margin: 50px 50px;
}

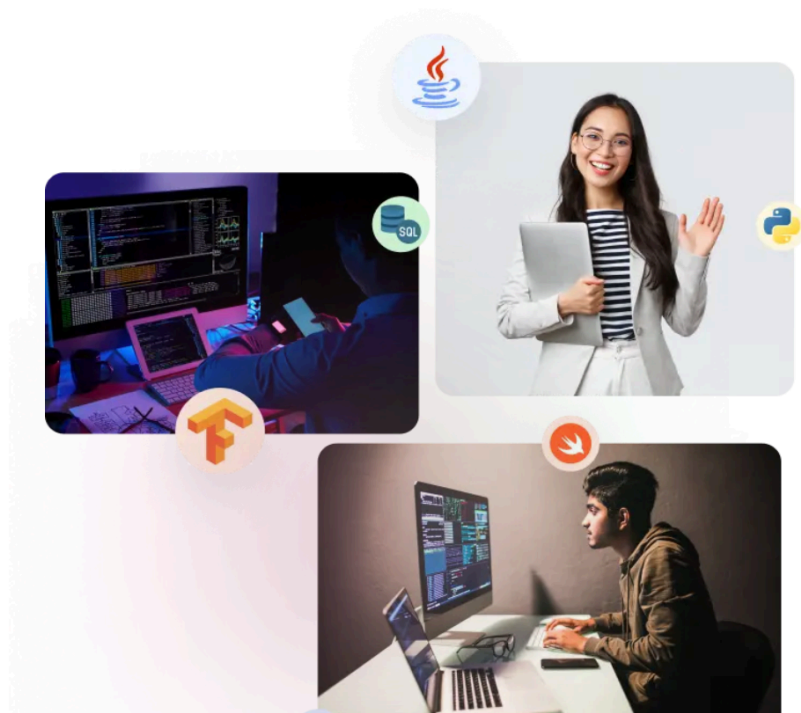
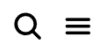
#a{
  animation-name: spin;
  border: 8px solid #f3f3f3;
}

```

```
border-top: 8px solid #3498db;
border-radius: 50%;
animation: spin 2s linear infinite ;
}
@keyframes spin{
  0%{
    transform: rotate(0deg);
  }
  100%{
    transform: rotate(360deg);
  }
}
```

Q4}

→



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