

CSS Day4 Interview Q&A

1. Create a masterhead - add a background image and put a text at the center, with a button below it.

HTML:-

```
<div class="card">
  <h1>Hi! I am John</h1>
  <input type="button" value="Submit" class="btn" />
</div>
```

CSS:-

```
.card {
  text-align: center;
  height: 300px;
  background-image: url("https://s3.ap-south-
1.amazonaws.com/www.prepbytes.com/images/homepage/mastehead(web).svg");
  background-repeat: no-repeat;
  background-size: cover;
}

.btn{
  margin: 20px auto;
  width: 200px;
  background-color: bisque;
  height: 25px;
  border-radius: 13px;
}
```

Output:-



2. Create header -- left side will have a logo and right side will have 4 buttons.

HTML:-

```
<div>
  <div class="navbar">
    <div class="nav-button">Study Material</div>
    <div class="nav-button">Courses</div>
    <div class="nav-button">Practice Coding</div>
    <div class="nav-button">Elevation Academy</div>
  </div>
  <div class="logo"></div>
</div>
```

CSS:-

@import

```
url('https://fonts.googleapis.com/css2?family=Poppins:wght@300&family=Roboto+Serif:wght@100&display=sw
ap');
```

```
img {
  margin-top: 15px;
}
```

```
.navbar {
  float: right;
```

```

        margin-right: 70px;
        display: flex;
    }
    .nav-button {
        padding: 30px;
        font-family: 'Poppins', sans-serif;
    }
}

```

Output:-



[Study Material](#)

[Courses](#)

[Practice Coding](#)

[Elevation Academy](#)

3. Create 3 cards of height & width 200 px with texts in it, the card should be horizontally placed in web view and vertically in mobile view.

Code:-

```

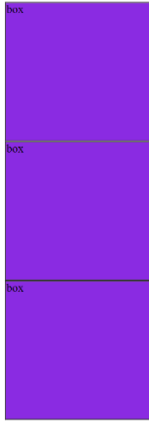
<div class="container">
  <div class="card">box</div>
  <div class="card">box</div>
  <div class="card">box</div>
</div>

.container
{
    display: flex;
    justify-content: space-evenly;
}
.card
{
    border: 2px groove gray;
    width: 200px;
    height: 200px;
}
@media screen and (max-width:720px) {
    .container{
        flex-direction: column
    }
}

```

Output:-





4. Create a button like Login and SignUp button of Prepbytes website.

If mobile : buttons color should be green and they should be below each other

If iPad : buttons color should be red and they should be below each other

If desktop : buttons color should be blue and they should be side-by-side each other

Code:-

```
.button {
  background-color: rgb(135, 135, 245);
  height: 50px;
  width: 150px;
  border-radius: 35px;
  margin: 12px;
  font-size: larger;
  color: cornsilk;
}

div {
  display: flex;
  justify-content: center;
}

@media only screen and (max-width: 800px) and (min-width: 480px) {
  div {
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
  }
  .button {
    background-color: green;
    height: 50px;
    width: 150px;
    border-radius: 35px;
    margin: 12px;
    font-size: larger;
    color: cornsilk;
  }
}

}

@media only screen and (max-width: 480px) and (min-width: 320px) {
  div {
    display: flex;
  }
}
```

```

        flex-direction: column;
        justify-self: center;
        align-items: center;
    }
    .button {
        background-color: red;
        height: 50px;
        width: 150px;
        border-radius: 35px;
        margin: 12px;
        font-size: larger;
        color: cornsilk;
    }
}

<div>
    <button class="login button">Login</button>
    <button class="signUp button">Sign Up</button>
</div>

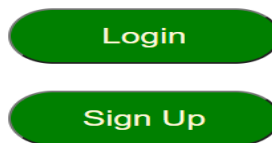
```

Output:-

Desktop Screen :-



iPad Screen :-



Mobile Screen :-



5. Write code to show implementation of flex.

Here a navbar with 4 buttons has been created, using flex we can add the flex property to them and adjust and align the items inside them.

Code:-

```

<h1>This is Flexbox Tutorial</h1>
<div class="container">
    <div class="item" id="item-1">First Box</div>
    <div class="item" id="item-2">Second Box</div>
    <div class="item" id="item-3">Third Box</div>
</div>

.container {
    height: 544px;
    width: 100%;
    border: 2px solid black;
    display: flex;
}

```

```

.item {
  width: 200px;
  height: 200px;
  background-color: tomato;
  border: 2px solid green;
  margin: 10px;
  padding: 3px;
}

#item-1 {
  /* Flex properties for a flex item */
  /* Higher the order, later it shows up in the container */
  /* order: 2; */

  /* flex-grow: 2;
  flex-shrink: 2; */
}

#item-2 {
  flex-basis: 160px;
}

#item-3 {
  /* flex: 2 2 230px; */
  align-self: flex-start;
  align-self: flex-end;
  align-self: center;
}

```

Output:-

This is Flexbox Tutorial

