

Grid in CSS

Assignment

QUESTION 1: Imagine you are working with a team for a restaurant client, You have been responsible for designing a landing page hero section for a restaurant specializing in serving healthy food Your objective is to recreate the layout displayed in the given image using a CSS grid?

ANSWER:

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<style>
  .main{

    display: grid;
    grid-template-columns: repeat(2,1fr);
    border: 2px solid black;
    padding: 10px;
    gap: 20px;

    max-width: 1200px;
    margin: auto;
    align-items: center;
    font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
      "Lucida Sans", Arial, sans-serif;

  }

  .info{

    padding: 0px 50px;
```

```
}
.info>h1{
  font-size: 40px;
}
.info>p{
  color: #555151;
}
.info>button{background-color: black;
  color: white;
  padding: 10px 50px;
  font-size: large;
  margin-top: 30px;
  border: 0px;
```

```
}
.image{background-color: yellow;
  height: 100%;
  max-height: 90vh;
```

```
}
img{
  height: 100%;
  width: 70%;
```

```
}
```

```
</style>
```

```
<body>
```

```
<div class="main">
```

```
<section class="info">
```

```
<h1>Healthy Food</h1>
```

```
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea! Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea!</p>
```

```
<button>Read More</button>
```

```
</section>
```

```

<section class="image">

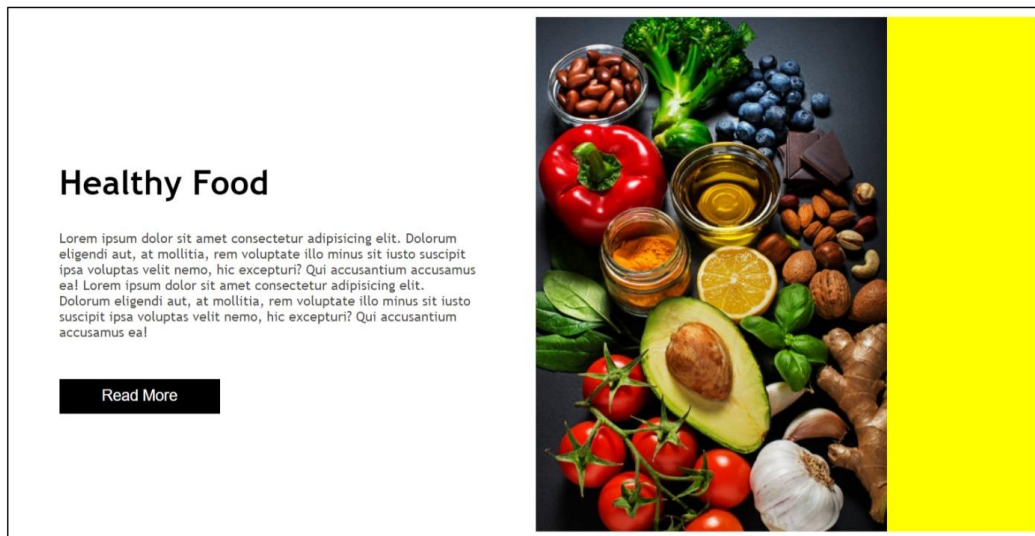
</section>

</div>

</body>
</html>

```

OUTPUT:



QUESTION 2: The landing page designed in question 01 showcases an impressive layout and design/ However, it lacks a crucial component - a navigation bar, Without a navigation bar, users may find navigating through different sections of the website challenging , To address this issue, design a navigation bar using CSS Grid, as shown in the image below as of now there is no need to update the navigation links, Navigation Bars enhance user experience, improve usability, and ensure easy access to various pages and content.?

ANSWER:

PROGRAM:

```

!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">

```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<style>
```

```
nav{
  margin: auto;
  display: grid;
  grid-template-columns: repeat(3,1fr);
  align-items: center;
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
    "Lucida Sans", Arial, sans-serif;
```

```
    max-width: 1200px;
```

```
}
nav img{
```

```
    width: 50px;
```

```
}
```

```
nav a{
  text-decoration: none;
  padding-right: 50PX;
```

```
    color: #312f2f;
```

```
}
```

```
nav a:hover{
  font-weight: bold;
  color: rgb(87, 240, 67);
}
```

```
nav button{
```

```
    color: black;
    background-color: #09ff1d;
```

```
border: 0;
border-radius: 5px;
font-weight: bolder;
margin-left: 60%;
padding: 10px 0px;

}

.main{

display: grid;
grid-template-columns: repeat(2,1fr);

padding: 10px;
gap: 20px;

max-width: 1200px;
margin: auto;
align-items: center;
font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
    "Lucida Sans", Arial, sans-serif;

}

.info{

padding: 0px 50px;

}

.info>h1{
font-size: 40px;

}

.info>p{
color: #555151;
}

.info>button{background-color: black;
color: white;
padding: 10px 50px;
font-size: large;
margin-top: 30px;
border: 0px;
```

```

    }
    .image{background-color: yellow;
        height: 100%;
        max-height: 90vh;

    }
    img{
        height: 100%;
        width: 70%;

    }

</style>
</head>
<body>

<nav>
    
    <div >
        <a href="@>Home</a><a href="@>About</a><a href="@>Contact</a>
    </div>

    <button >Login</button>

</nav>
<div class="main">

    <section class="info">
        <h1>Healthy Food</h1>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea! Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea!</p>
        <button>Read More</button>
    </section>
    <section class="image">

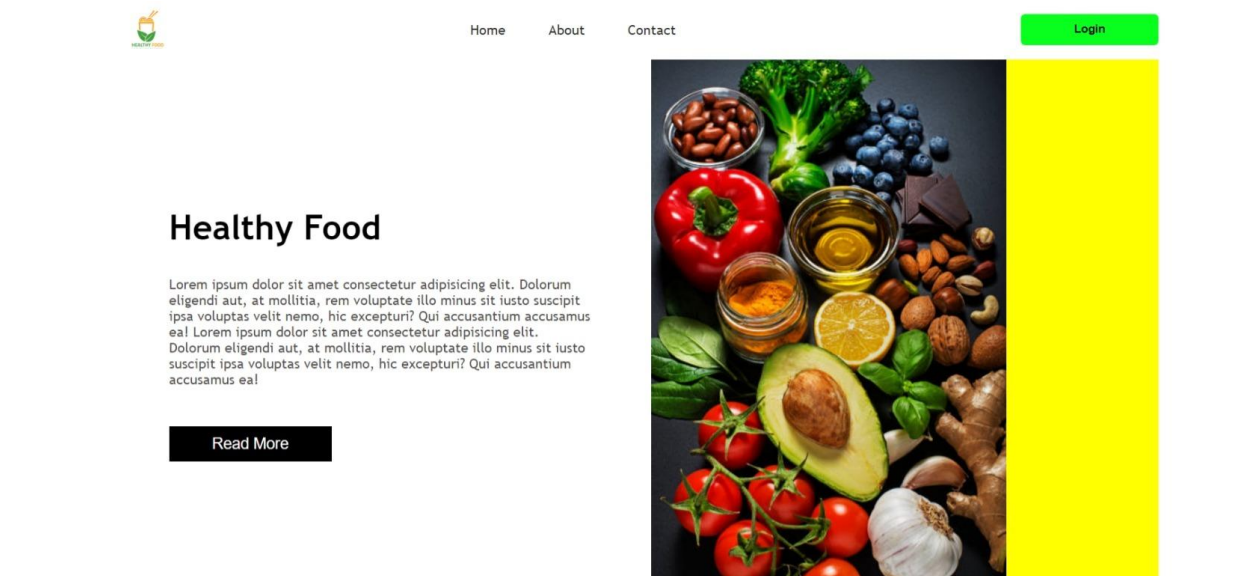
```

</section>

</div>

</body>

OUTPUT:



QUESTION 3: When learning through project-based learning' it is crucial to incorporate existing features that are interesting and relevant to our website project. To achieve this' let's integrate a section of Swiggy.com into our project. Let's aim to integrate a section of Swiggy.com into our project' leveraging its engaging design and functionality. The output expected is shown in the below image.

ANSWER:

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
```

```
nav{
  margin: auto;
  display: grid;
  grid-template-columns: repeat(3,1fr);
  align-items: center;
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
    "Lucida Sans", Arial, sans-serif;
```

```
    max-width: 1200px;
```

```
}
```

```
nav img{
```

```
    width: 50px;
```

```
}
```

```
nav a{
  text-decoration: none;
  padding-right: 50PX;
```

```
    color: #312f2f;
```

```
}
```

```
nav a:hover{
  font-weight: bold;
  color: rgb(87, 240, 67);
}
```

```
nav button{
```

```
    color: black;
    background-color: #09ff1d;
    border: 0;
    border-radius: 5px;
    font-weight: bolder;
    margin-left: 60%;
```



```
padding: 10px 0px;

}

.main{

display: grid;
grid-template-columns: repeat(2,1fr);

padding: 10px;
gap: 20px;

max-width: 1200px;
margin: auto;
align-items: center;
font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
"Lucida Sans", Arial, sans-serif;

}


.info{

padding: 0px 50px;


}

.info>h1{
font-size: 40px;

}

.info>p{
color: #555151;
}

.info>button{background-color: black;
color: white;
padding: 10px 50px;
font-size: large;
margin-top: 30px;
border: 0px;

}
```

```

.image{background-color: yellow;
  height: 100%;
  max-height: 90vh;

}
img{
  height: 100%;
  width: 70%;

}

.footer{
  max-width: 1200px;
  margin: auto;
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  background-color: #3d1515;
  align-items: center;
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande", "Lucida Sans", Arial,
sans-serif;
}
.footer1{
  text-align: center;
  margin: 10px 50px;
}

.footer img{
  width: 150px;
}

.footer h1{
  color: white;

}
.footer p{
  color: #904747;
}
.h11{
  margin-top: 60px;
}

</style>
</head>
<body>

```

```

<nav>
  
  <div >
    <a href="#">Home</a><a href="#">About</a><a href="#">Contact</a>
  </div>

  <button >Login</button>

</nav>
<div class="main">

  <section class="info">
    <h1>Healthy Food</h1>
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea! Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea!</p>
    <button>Read More</button>
  </section>
  <section class="image">

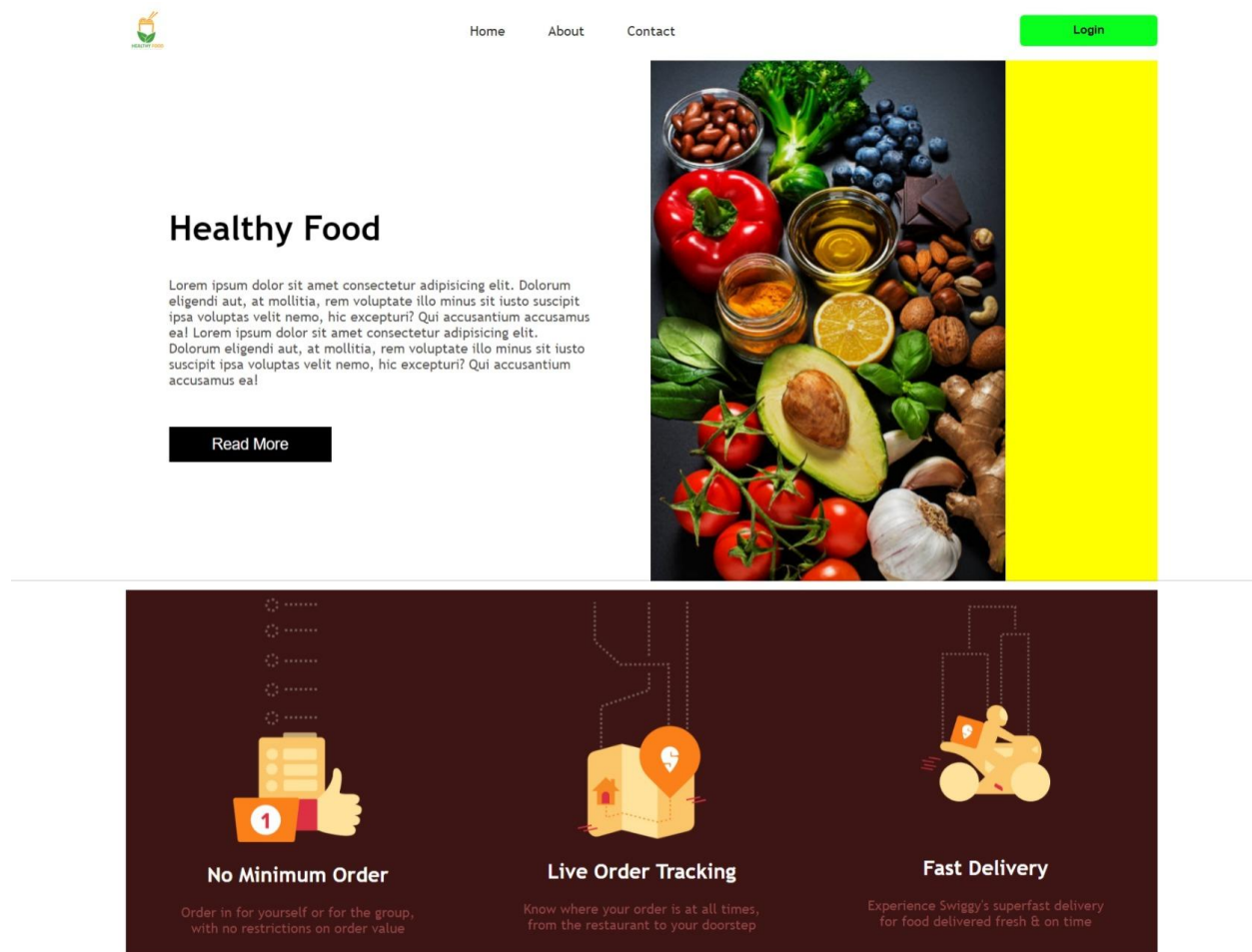
  </section>

</div>
<section class="footer">
  <div class="footer1">
    
    <h1>No Minimum Order</h1>
    <p>Order in for yourself or for the group, with no restrictions on order value</p>
  </div>
  <div class="footer1">
    
    <h1>Live Order Tracking</h1>
    <p>Know where your order is at all times, from the restaurant to your doorstep</p>
  </div>
  <div class="footer1">
    
    <h1 class="h11">Fast Delivery</h1>
    <p>Experience Swiggy's superfast delivery for food delivered fresh & on time</p>
  </div>
</section>

</body>

```

OUTPUT:



QUESTION 4:Modern websites are expected to serve multiple functionalities' emphasizing the importance of incorporating diverse features. For a food delivery website' it is crucial to consider additional functionalities such as onsite dining an4 exploring nightlife and clubs. Design a section' as shown in the image below' that seamlessly integrates these features to enhance the user experience and provide comprehensive services to users within the food delivery website.?

ANSWER:

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<style>
```

```
nav{
  margin: auto;
  display: grid;
  grid-template-columns: repeat(3,1fr);
  align-items: center;
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
    "Lucida Sans", Arial, sans-serif;
```

```
    max-width: 1200px;
```

```
}
nav img{
```

```
    width: 50px;
```

```
}
```

```
nav a{
  text-decoration: none;
  padding-right: 50PX;
```

```
    color: #312f2f;
```

```
}
```

```
nav a:hover{
  font-weight: bold;
  color: rgb(87, 240, 67);
}
```

```
nav button{
```

```
    color: black;
    background-color: #09ff1d;
```

```

        border: 0;
        border-radius: 5px;
        font-weight: bolder;
        margin-left: 60%;
        padding: 10px 0px;

    }

    .main{

        display: grid;
        grid-template-columns: repeat(2,1fr);

        padding: 10px;
        gap: 20px;

        max-width: 1200px;
        margin: auto;
        align-items: center;
        font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
            "Lucida Sans", Arial, sans-serif;

    }


    .info{

        padding: 0px 50px;

    }

    .info>h1{
        font-size: 40px;

    }
    .info>p{
        color: #555151;

    }
    .info>button{background-color: black;
        color: white;
        padding: 10px 50px;
        font-size: large;
        margin-top: 30px;
        border: 0px;

```

```

}
.image{background-color: yellow;
  height: 100%;
  max-height: 90vh;

}
img{
  height: 100%;
  width: 70%;

}

.footer{
  max-width: 1200px;
  margin: auto;
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  background-color: #3d1515;
  align-items: center;
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande", "Lucida Sans", Arial,
sans-serif;
}
.footer1{
  text-align: center;
  margin: 10px 50px;
}

.footer img{
  width: 150px;
}

.footer h1{
  color: white;
}
.footer p{
  color: #904747;
}
.h11{
  margin-top: 60px;
}

.end{
  max-width: 1200px;
  margin: auto;
  display: grid;

```

```
    grid-template-columns: repeat(3, 1fr);
    column-gap: 60px;
    align-items: center;
    font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande", "Lucida Sans", Arial,
sans-serif;
    padding: 30px 0px;
}
```

```
.end .end1{
    text-align: center;
    margin-bottom: 0px;
    overflow: hidden;
    border-radius: 25px 25px 0px 0px;
}
```

```
.end .end1 img{
    text-align: center;
    width: 100%;
    height: 280px;
    margin-top: -50px;
}
```

```
.end .end1 p {
    margin-top: 0px;
    font-size: 15px;
}
```

```
.end .end1 h1 {
    margin: 0px;
    padding: 5px 0px;
    font-size: 30px;
}
```

```
.end .h1p1 {
    position: relative;
    background-color: #fff;
    margin-top: 0px;
    top: -50px;
    text-align: left;
    border: 1px solid black;
    border-radius: 0px 0px 25px 25px;
    padding: 0px 50px;
}
```



```

</style>
</head>
<body>

<nav>
  
  <div >
    <a href="#" >Home</a><a href="#" >About</a><a href="#" >Contact</a>
  </div>

  <button >Login</button>

</nav>
<div class="main">

  <section class="info">
    <h1>Healthy Food</h1>
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea! Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea!</p>
    <button>Read More</button>
  </section>
  <section class="image">

  </section>

</div>
<section class="footer">
  <div class="footer1">
    
    <h1>No Minimum Order</h1>
    <p>Order in for yourself or for the group, with no restrictions on order value</p>
  </div>
  <div class="footer1">
    
    <h1>Live Order Tracking</h1>
    <p>Know where your order is at all times, from the restaurant to your doorstep</p>
  </div>
  <div class="footer1">
    
    <h1 class="h1">Lightning-Fast Delivery</h1>
    <p>Experience Swiggy's superfast delivery for food delivered fresh & on time</p>
  </div>

```

</div>
</section>

<section class="end">
 <div class="end1">

 <div class="h1p1"><h1>Order Online</h1>
 <p>Stay Home and order to your Door Step</p>
 </div>
</div>
 <div class="end1">

 <div class="h1p1"><h1>On-site Dining</h1>
 <p>View the city's favourite dining venues.</p>
 </div>
</div>
 <div class="end1">

 <div class="h1p1"><h1>Nightlife & Clubs</h1>
 <p>Explore the city's top nightlife outlets & Book tables.</p>
 </div>
</div>
</section>

</body>

OUTPUT:

[Home](#)[About](#)[Contact](#)[Login](#)

Healthy Food

Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea! Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea!

[Read More](#)

No Minimum Order

Order in for yourself or for the group, with no restrictions on order value



Live Order Tracking

Know where your order is at all times, from the restaurant to your doorstep



Lightning-Fast Delivery

Experience Swiggy's superfast delivery for food delivered fresh & on time



Order Online

Stay Home and order to your Door Step



On-site Dining

View the city's favourite dining venues.



Nightlife & Clubs

Explore the city's top nightlife outlets & Book tables.

QUESTION 5:The footer is a vital component of a website, providing a finishing touch to the overall design and user experience. To enhance our website, let's build a simple footer that includes a logo, navigation links, and a copyright statement, as shown in the below image. implementing this footer, we aim to improve navigation, brand recognition, and establish legal ownership, ensuring a professional and complete website presence?.

ANSWER:

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
```

```
nav{
  margin: auto;
  display: grid;
  grid-template-columns: repeat(3,1fr);
  align-items: center;
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
    "Lucida Sans", Arial, sans-serif;
```

```
    max-width: 1200px;
```

```
  }
  nav img{
```

```
    width: 50px;
```

```
  }
```

```
nav a{
  text-decoration: none;
  padding-right: 50PX;
```

```

        color: #312f2f;

    }

    nav a:hover{
        font-weight: bold;
        color: rgb(87, 240, 67);
    }
    nav button{

        color: black;
        background-color: #09ff1d;
        border: 0;
        border-radius: 5px;
        font-weight: bolder;
        margin-left: 60%;
        padding: 10px 0px;

    }

    .main{

display: grid;
grid-template-columns: repeat(2,1fr);

padding: 10px;
gap: 20px;

max-width: 1200px;
margin: auto;
align-items: center;
font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
    "Lucida Sans", Arial, sans-serif;

    }

    .info{

padding: 0px 50px;

    }

}

```

```

.info>h1{
  font-size: 40px;

}
.info>p{
  color: #555151;
}
.info>button{background-color: black;
  color: white;
  padding: 10px 50px;
  font-size: large;
  margin-top: 30px;
  border: 0px;

}
.image{background-color: yellow;
  height: 100%;
  max-height: 90vh;

}
img{
  height: 100%;
  width: 70%;

}

.footer{
  max-width: 1200px;
  margin: auto;
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  background-color: #3d1515;
  align-items: center;
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande", "Lucida Sans", Arial,
sans-serif;
}
.footer1{
  text-align: center;
  margin: 10px 50px;
}

.footer img{
  width: 150px;
}

.footer h1{
  color: white;

```

```

}
.footer p{
    color: #904747;
}
.h11{
    margin-top: 60px;
}

.end{
    max-width: 1200px;
    margin: auto;
    display: grid;
    grid-template-columns: repeat(3, 1fr);
    column-gap: 60px;
    align-items: center;
    font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande", "Lucida Sans", Arial,
sans-serif;
    padding: 30px 0px;
}

.end .end1{
    text-align: center;
    margin-bottom: 0px;
    overflow: hidden;
    border-radius: 25px 25px 0px 0px;
}

.end .end1 img{
    text-align: center;
    width: 100%;
    height: 280px;
    margin-top: -50px;
}

.end .end1 p {
    margin-top: 0px;
    font-size: 15px;
    color: #555151;
    text-align: center;
}

.end .end1 h1 {
    margin: 0px;
    padding: 5px 0px;
    font-size: 30px;
    text-align: center;
}

```

```

.end .h1p1 {
  position: relative;
  background-color: #fff;
  margin-top: 0px;
  top: -50px;
  text-align: left;
  border: 1px solid black;
  border-radius: 0px 0px 25px 25px;
  padding: 0px 50px;
}

.footerbar{ max-width: 1200px;

  margin: auto;
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  background-color: #3d1515;
  align-items: center;
  padding: 50px;
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande", "Lucida Sans", Arial,
sans-serif;
  gap: 100px;
}

.footerbar>img{
width: 300px;
text-align: center;

padding-left: 20px;}
.foo1>h1{
  color: white;
}
.foo2>h1{
  color: white;
}

.foo1>a{
  display: block;
  text-decoration: none;
  color: #904747;
  padding: 15px;

}
.foo2>a{

```



```
display: block;
text-decoration: none;
color: #904747;
padding: 15px;
```

```
}
```

```
p{
  grid-column-start: 2;
  color: white;
  text-align: center;
  font-size: 20px;
  margin-top: 0;
```

```
}
```

```
</style>
</head>
<body>
```

```
<nav>
  
  <div >
    <a href="#" >Home</a><a href="#" >About</a><a href="#" >Contact</a>
  </div>
```

```
    <button >Login</button>
```

```
</nav>
<div class="main">
```

```
  <section class="info">
    <h1>Healthy Food</h1>
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea! Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea!</p>
```

```
    <button>Read More</button>
```

```
  </section>
```

```
  <section class="image">
```

```
    
```

</section>

</div>

<section class="footer">

<div class="footer1">

<h1>No Minimum Order</h1>

<p>Order in for yourself or for the group, with no restrictions on order value</p>

</div>

<div class="footer1">

<h1>Live Order Tracking</h1>

<p>Know where your order is at all times, from the restaurant to your doorstep</p>

</div>

<div class="footer1">

<h1 class="h11">Lightning-Fast Delivery</h1>

<p>Experience Swiggy's superfast delivery for food delivered fresh & on time</p>

</div>

</section>

<section class="end">

<div class="end1">

<div class="h1p1"><h1>Order Online</h1>

<p>Stay Home and order to your Door Step</p>

</div>

</div>

<div class="end1">

<div class="h1p1"><h1>On-site Dining</h1>

<p>View the city's favourite dining venues.</p>

</div>

</div>

<div class="end1">

<div class="h1p1"><h1>Nightlife & Clubs</h1>

<p>Explore the city's top nightlife outlets & Book tables.</p>

</div>

</div>

</section>

<footer class="footerbar">

<div class="foo1"><h1>Navigation Links</h1>

home

about

contact

login

```
</div>
<div class="foo2"><h1>Learn More</h1>
  <a href="#">Privacy</a>
  <a href="#">Security</a>
  <a href="#">Terms</a>
  <a href="#">Sitemap</a></div>
  <p>© Copyright All rights Reserved</p>
```

```
</footer>
```

```
</body>
```

OUTPUT:



Healthy Food

Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea! Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorum eligendi aut, at mollitia, rem voluptate illo minus sit iusto suscipit ipsa voluptas velit nemo, hic excepturi? Qui accusantium accusamus ea!

[Read More](#)



No Minimum Order

Order in for yourself or for the group, with no restrictions on order value



Live Order Tracking

Know where your order is at all times, from the restaurant to your doorstep



Lightning-Fast Delivery

Experience Swiggy's superfast delivery for food delivered fresh & on time



Order Online

Stay Home and order to your Door Step



On-site Dining

View the city's favourite dining venues.



Nightlife & Clubs

Explore the city's top nightlife outlets & Book tables.



Navigation Links

[home](#)
[about](#)
[contact](#)
[login](#)

Learn More

[Privacy](#)
[Security](#)
[Terms](#)
[Sitemap](#)

QUESTION 6:2 Design a school timetable using CSS Grtd, eliminating the use of HTML tables. The objective is to create a visually appealing and responsive layout that effectively represents the weekly schedule of subjects and time slots. By leveraging the power of CSS Grid, ensure that the timetable is flexible, easy to maintain, and provides a seamless user experience for students and teachers alike.?

ANSWER:

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    body {
      font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",
        "Lucida Sans", Arial, sans-serif;
    }

    h1 {text-align: center;}
    .timetable{
      display: grid;
      grid-template-columns: repeat(8 ,1fr);
      padding: 10px;

      background-color: #2291f3;
      border: 3px solid black;
    }

    div{background-color: #14e7ff;
      border: 2px dotted black;
      padding: 20px 5px;
      text-align: center;}

    .heading{text-align: center;
```

```
padding: 40px 0px;  
font-size: large;
```

```
font-weight: bold;  
background-color: #da5858;  
}
```

```
.days{  
background-color: #a804ab;
```

```
font-weight: bold;  
}
```

```
.lunch{  
background-color: #ffff0a;  
border: none;  
font-size: large;  
font-weight: bold;  
}
```

```
.bbb{  
grid-column: 2/4;  
background-color: #9ebde0;  
}
```

```
.cp{  
grid-column: 7/9;  
background-color: #9ebde0;  
  
}
```

```
.gl{  
background-color: #0cc133;  
font-size: larger;  
font-weight: bold;  
grid-column: 7/9;  
}
```

```
</style>  
</head>  
<body>  
  <h1>School Timetable</h1>  
  <div class="timetable">  
<div class="heading">TIME  
</div>  
<div class="heading">08:00 AM - 09:00 AM</div>  
<div class="heading">09:00 AM - 10:00 AM</div>
```

```
<div class="heading">10:00 AM - 11:00 AM</div>
<div class="heading">11:00 AM - 12:00 PM</div>
<div class="heading">12:00 PM - 02:00 PM</div>
<div class="heading">02:00 PM - 03:00 PM</div>
<div class="heading">03:00 PM - 04:00 PM</div>
<div class="days">Monday</div>
<div>English</div>
<div>Biology</div>
<div>Physics</div>
<div>Chemestry</div>
<div class="lunch">L</div>
<div class="cp">Chemistry Lab</div>
<div class="days">Tuesday</div>
<div class="bbb">Biology Lab</div>
<div>Physics</div>
<div>Chemistry</div>
<div class="lunch">U</div>
<div>English</div>
<div>biology</div>
<div class="days">Wednesday</div>
<div>English</div>
<div>Biology</div>
<div>Physics</div>
<div>Chemistry</div>
<div class="lunch">N</div>
<div class="gl">Games</div>
<div class="days">Thursday</div>
<div class="bbb">Biology Lab</div>
<div>Physics </div>
<div>Chemistry</div>
<div class="lunch">C</div>
<div>English</div>
<div>Biology</div>
<div class="days">Friday</div>
<div>English</div>
<div>Biology</div>
<div>Physics</div>
<div>Chemistry</div>
<div class="lunch">H</div>
<div class="cp">Physics Lab</div>
<div class="days">Saturday</div>
<div class="bbb">Biology Lab</div>
<div>Physics</div>
<div>Chemistry</div>
<div class="lunch">Break</div>
<div class="gl">LET OFF</div>
</div>
</body>
</html>
```

OUTPUT:

School Timetable

TIME	08:00 AM - 09:00 AM	09:00 AM - 10:00 AM	10:00 AM - 11:00 AM	11:00 AM - 12:00 PM	12:00 PM - 02:00 PM	02:00 PM - 03:00 PM	03:00 PM - 04:00 PM
Monday	English	Biology	Physics	Chemistry	L U N C H Break	Chemistry Lab	
Tuesday	Biology Lab		Physics	Chemistry		English	biology
Wednesday	English	Biology	Physics	Chemistry		Games	
Thursday	Biology Lab		Physics	Chemistry		English	Biology
Friday	English	Biology	Physics	Chemistry		Physics Lab	
Saturday	Biology Lab		Physics	Chemistry		LET OFF	

QUESTION 7: Design a visually stunning photo gallery using CSS Grid for a photographer's portfolio website. The goal is to create a dynamic layout that showcases the photographer's images in an organized and visually appealing manner. By leveraging the power of CSS Grid, ensure that the gallery provides a seamless and immersive user experience, allowing visitors to easily navigate through the photos and appreciate the photographer's work.?

ANSWER:

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
  <style>
    body{
      padding: 10px;
      border: 3px solid black;
      border-radius: 20px;
    }

    .gallery{
      padding: 20px;
```



```
display: grid;
```

```
grid-template-rows:repeat(3,250px);  
grid-template-columns: repeat(3,1fr);  
grid-gap: 20px;  
}
```

```
img{  
  height: 100%;  
  width: 100%;  
  border-radius: 10px;  
}
```

```
.img2{  
  grid-column: 2/3;  
  grid-row: 1/3;  
}
```

```
.img4{  
  
  grid-row:2/4 ;  
}
```

```
</style>
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Document</title>
```

```
</head>
```

```
<body>
```

```
<div class="gallery">
```

```
<div class="img1"></div>
```

```
<div class="img2"></div>
```

```
<div class="img3"></div>
```

```
<div class="img4"></div>
```

```
<div class="img5"></div>
```

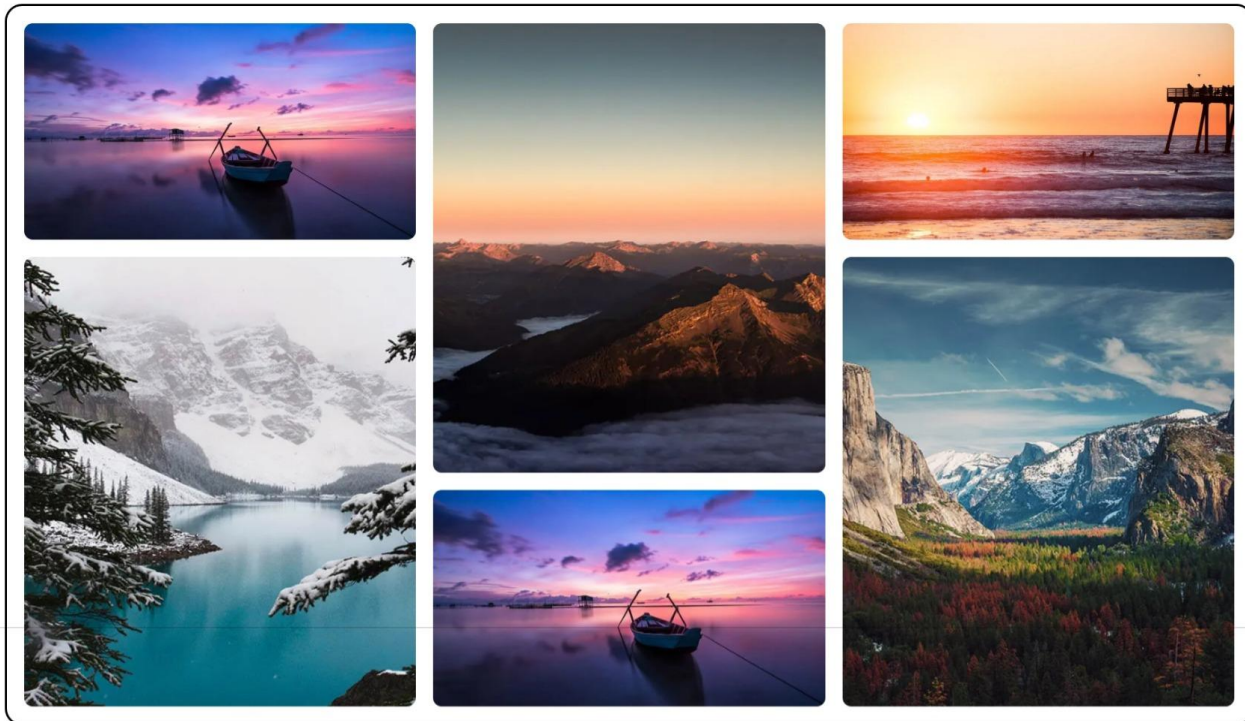
```
<div class="img4"></div>
```

```
</div>
```

```
</body>
```

```
</html>
```

OUTPUT:



QUESTION 8: Create a simple color picker using CSS Grid to enable users to select colors efficiently. The objective is to design a visually appealing interface that allows users to choose colors and obtain their corresponding color codes. By leveraging CSS Grid, ensure a user-friendly layout that simplifies the color selection process. Let's build a color picker similar to the one shown in the below image.

ANSWER:

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    body{
      background-color: black;
```

```
}
```

```
h1{  
  color: white;  
  
  font-size: 40px;  
  font-weight: normal;  
}  
.container{  
  max-width: 1400px;  
  width: 100%;  
  margin: auto;  
  
  font-family: "Trebuchet MS", "Lucida Sans Unicode", "Lucida Grande",  
  "Lucida Sans", Arial, sans-serif;  
  
}
```

```
.colorbox{  
  
  display: grid;  
  margin: 0px 50px;  
  
  grid-template-columns: repeat(4,1fr);  
  gap: 50px;  
  
}
```

```
.aa{padding: 200px 0px;  
  text-align: center;  
  font-size: larger;  
  color: black;  
  font-weight: bold;  
  border-radius: 20px;  
  width: 100%;  
  
}
```

```
.a{  
  background-color:#8D3DAF;  
}  
.b{  
  background-color: #E07C24;
```

```
}  
.c{  
    background-color: #758283;  
}  
.d{  
    background-color:#E03B8B;  
}  
.e{  
    background-color: #FF6666;  
}  
.f{  
    background-color: #03C6C7;  
}  
.g{  
    background-color: #CAD5E2;  
}  
.h{  
    background-color: #35BDD0;  
}
```

```
</style>  
</head>  
<body>  
    <div class="container">  
        <h1>feeling fancy</h1>  
        <div class="colorbox">  
            <div class="aa a">#8D3DAF</div>  
            <div class="aa b">#E07C24</div>  
            <div class="aa c">#758283</div>  
            <div class="aa d">#E03B8B</div>  
            <div class="aa e">#FF6666</div>  
            <div class="aa f">#03C6C7</div>  
            <div class="aa g ">#CAD5E2</div>  
            <div class="aa h">#35BDD0</div>  
        </div>  
    </div>  
</body>  
</html>
```

OUTPUT:

feeling fancy

#8D3DAF

#E07C24

#758283

#E03B8B

#FF6666

#03C6C7

#CAD5E2

#35BDD0