

CSS (Part 1)

Practice Solutions

Ans 1

HTML Code

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width,
initial-scale=1.0" />
<title>CSS</title>
<link rel="stylesheet" href="style.css" />
</head>
<body>
<div class="container">
<div class="header">header</div>
<div class="navigation">navigation</div>
<div class="sidebar">sidebar</div>
<div class="main">main</div>
<div class="ads">ads </div>
<div class="footer">footer </div>
</div>
</body>
</html>
```

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CSS Code

```
.container {  
margin: 0;  
padding: 0;  
height: 100vh;  
display: grid;  
grid-template-columns: repeat(12, 1fr);  
grid-template-rows: repeat(12, 1fr);  
grid-gap: 10px;  
}  
  
.container div {  
background-color: pink;  
font-size: 1.5rem;  
}  
  
.header {  
grid-column: 1 / span 12;  
}  
  
.sidebar {  
grid-column: 1 / span 3;  
grid-row: 2 / span 10;  
}  
  
.navigation {
```

```
grid-column: 4 / span 6;
}

.ads {
grid-column: 10 / span 3;
grid-row: 2 / span 10;
}

.main {
grid-column: 4 / span 6;
grid-row: 3 / span 9;
}

.footer {
grid-column: 1 / span 12;
}
```

Ans 2

HTML Code will remain the same as answer 1.

CSS Code

```
@media (max-width: 720px) {
.header {
grid-column: 1 / span 12;
}
```

```
.navigation {  
grid-column: 1 / span 12;  
grid-row: 2;  
}  
  
.sidebar {  
grid-column: 1 / span 3;  
grid-row: 3 / span 9;  
}  
  
.main {  
grid-column: 4 / span 9;  
grid-row: 3 / span 9;  
}  
  
.ads {  
grid-column: 1 / span 3;  
grid-row: 12;  
}  
  
.footer {  
grid-column: 4 / span 9;  
grid-row: 12;  
}  
}
```

Ans 3

Complete CSS:

```
.loader {  
border: 16px solid #f3f3f3;  
border-top: 16px solid goldenrod;  
border-radius: 50%;  
width: 120px;  
height: 120px;  
animation: spin 2s linear infinite;  
}  
  
@keyframes spin {  
0% {  
transform: rotate(0deg);  
}  
100% {  
transform: rotate(360deg);  
}  
}
```