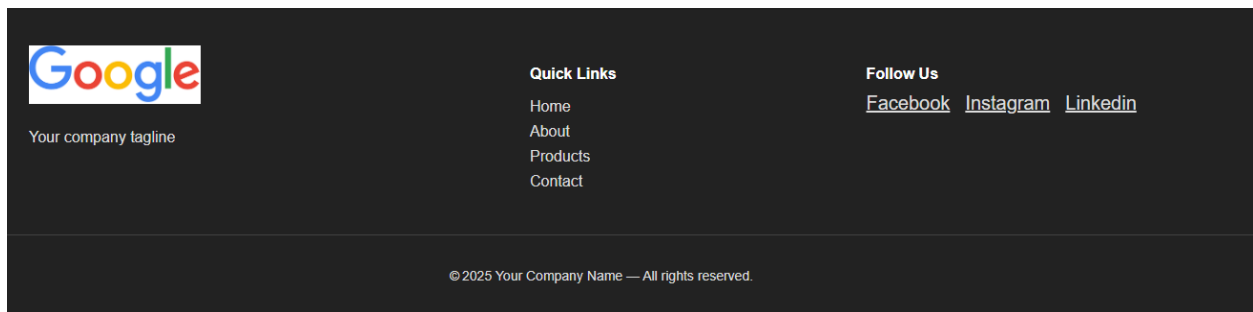


Footer Layout using html and css flex:-



Step 1:- create footer.css file code:-

```
.footer {  
  
  background: #222;  
  
  color: #ddd;  
  
  padding: 40px 20px 20px;  
  
  font-family: sans-serif;  
  
}  
  
.footer-container {  
  
  display: flex;  
  
  flex-wrap: wrap;  
  
  justify-content: space-between;  
  
  max-width: 1200px;  
  
  margin: auto;  
  
  gap: 30px;  
  
}  
  
.footer-section {  
  
  flex: 1 1 200px;
```

```
    min-width: 200px;
}
```

```
.footer-logo {
    max-width: 180px;
    margin-bottom: 10px;
}
```

```
.footer-section h4 {
    margin-bottom: 10px;
    color: #fff;
}
```

```
.footer-section ul {
    list-style: none;
    padding: 0;
}
```

```
.footer-section ul li {
    margin-bottom: 8px;
}
```

```
.footer-section ul li a {
    color: #ddd;
    text-decoration: none;
}
```

```
.footer-section ul li a:hover {
    color: #fff;
}
```

```
.social-icons {
  display: flex;
  gap: 16px;
}

.social-icons a {
  color: #ddd;
  font-size: 20px;
  transition: color 0.3s;
}

.social-icons a:hover {
  color: #fff;
}

.footer-bottom {
  text-align: center;
  margin-top: 30px;
  border-top: 1px solid #444;
  padding-top: 20px;
  font-size: 14px;
}

@media (max-width: 768px) {
  .footer-container {
    flex-direction: column;
    align-items: center;
    text-align: center;
  }
}
```

```
.footer-section {  
    max-width: 100%;  
}  
}
```

Step 2:- **Footer.html file code :-**

```
<html>  
<head>  
<link rel="stylesheet" href="footer.css">  
  
</head>  
<body>  
<footer class="footer">  
    <div class="footer-container">  
        <div class="footer-section ">  
              
        </div>  
        <div class="footer-section ">  
            <h4>Quick Links</h4>  
            <ul>  
                <li><a href="#">Home</a></li>  
                <li><a href="#">About</a></li>  
                <li><a href="#">Products</a></li>  
                <li><a href="#">Contact</a></li>
```


</div>

<div class="footer-section">

<h4>Follow Us</h4>

<div class="social-icons">

Facebook

 Instagram</i>

Linkedin

</div>

</div>

</div>

<div class="footer-bottom">

<p>© 2025 Your Company Name — All rights reserved.</p>

</div>

</footer>

</body>

</html>

Here's a **line-by-line breakdown and explanation** of CSS code for the footer section:

☐ Main Footer Wrapper

```
.footer {  
  background: #222;  
  color: #ddd;  
  padding: 40px 20px 20px;  
  font-family: sans-serif;  
}
```

- `.footer`: The outermost footer container.
 - `background: #222`:: Dark background color (almost black) for contrast.
 - `color: #ddd`:: Light gray text color for readability on dark background.
 - `padding: 40px 20px 20px`:: Adds spacing **inside** the footer. Top: 40px, Left/Right: 20px, Bottom: 20px.
 - `font-family: sans-serif`:: Sets a clean, modern sans-serif font.
-

☐ Flexbox Container for Sections

```
.footer-container {  
  display: flex;  
  flex-wrap: wrap;  
  justify-content: space-between;  
  max-width: 1200px;  
  margin: auto;  
  gap: 30px;  
}
```

- `display: flex`:: Turns `.footer-container` into a **flexbox** container.
 - `flex-wrap: wrap`:: Allows child elements to wrap to the next line on smaller screens.
 - `justify-content: space-between`:: Evenly spaces footer columns with space between them.
 - `max-width: 1200px`:: Restricts the maximum width to avoid stretching on large screens.
 - `margin: auto`:: Horizontally centers the footer within its parent.
 - `gap: 30px`:: Adds space between the flex items (footer sections).
-

☐ Individual Sections

```
.footer-section {  
  flex: 1 1 200px;
```

```
min-width: 200px;
}
```

- `flex: 1 1 200px;` Makes sections flexible:
 - 1 – allows growth,
 - 1 – allows shrinkage,
 - 200px – sets a preferred base width.
 - `min-width: 200px;` Ensures sections don't shrink below 200px.
-

□ Logo Style

```
.footer-logo {
  max-width: 180px;
  margin-bottom: 10px;
}
```

- `max-width: 180px;` Prevents logo from exceeding 180px width.
 - `margin-bottom: 10px;` Adds space below the logo.
-

□ Section Heading

```
.footer-section h4 {
  margin-bottom: 10px;
  color: #fff;
}
```

- `margin-bottom: 10px;` Spacing below the heading.
 - `color: #fff;` Makes the heading stand out with white color.
-

□ Unordered List Styling

```
.footer-section ul {
  list-style: none;
  padding: 0;
}
```

- `list-style: none;` Removes default bullets.
- `padding: 0;` Removes default padding from the list.

```
.footer-section ul li {
  margin-bottom: 8px;
}
```

- Adds spacing between list items.

```
.footer-section ul li a {  
  color: #ddd;  
  text-decoration: none;  
}
```

- color: #ddd;: Light gray link color (consistent with footer text).
- text-decoration: none;: Removes underline.

```
.footer-section ul li a:hover {  
  color: #fff;  
}
```

- Changes link color to white when hovered to indicate interactivity.
-

□ Social Icons Styling

```
.social-icons {  
  display: flex;  
  gap: 16px;  
}
```

- Uses flexbox for horizontal layout of icons.
- Adds 16px space between icons.

```
.social-icons a {  
  color: #ddd;  
  font-size: 20px;  
  transition: color 0.3s;  
}
```

- Light gray icon color.
- Medium icon size.
- Smooth transition for color change on hover.

```
.social-icons a:hover {  
  color: #fff;  
}
```

- Changes icon color to white on hover.
-

□ Bottom Bar

```
.footer-bottom {  
  text-align: center;
```

```
margin-top: 30px;
border-top: 1px solid #444;
padding-top: 20px;
font-size: 14px;
}
```

- `text-align: center;`: Centers the copyright.
 - `margin-top: 30px;`: Space above the bottom bar.
 - `border-top: 1px solid #444;`: Creates a subtle horizontal line separator.
 - `padding-top: 20px;`: Adds padding inside the bottom bar.
 - `font-size: 14px;`: Slightly smaller font for legal text.
-

□ Responsive Design

```
@media (max-width: 768px) {
  .footer-container {
    flex-direction: column;
    align-items: center;
    text-align: center;
  }
  .footer-section {
    max-width: 100%;
  }
}
```

- Applies styles when screen width ≤ 768 px.
 - `flex-direction: column;`: Stacks sections vertically.
 - `align-items: center;`: Centers sections horizontally.
 - `text-align: center;`: Aligns text centrally for better mobile readability.
 - `.footer-section max-width: 100%;`: Allows sections to take full width on small screens.
-

□ Summary

This footer is:

- **Responsive** (adapts to mobile and desktop)
- **Flexible** (using Flexbox for layout)
- **Clean & accessible** (semantic structure and clear hover effects)
- **Customizable** (easy to change colors, fonts, and spacing)

