

Linking External file

In JavaScript, you can link an external file using the `<script>` tag in your HTML document. There are a couple of ways to achieve this:

1. Inline Script:

Include the external JavaScript file directly in your HTML file using the `<script>` tag. Place this tag in the `<head>` or `<body>` section of your HTML document.

Example:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Your Page</title>

    <!-- External JavaScript file -->

    <script src="path/to/your/script.js"></script>

</head>
```

```
<body>

  <!-- Your HTML content here -->

</body>

</html>
```

2. External File with defer Attribute:

If you want to ensure that the external script is executed after the HTML content has been parsed, you can use the defer attribute.

Example:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Your Page</title>

      <!-- External JavaScript file with defer attribute -->

  <script src="path/to/your/script.js" defer></script>

</head>

<body>

  <!-- Your HTML content here -->

</body>
```

</html>

The defer attribute ensures that the script is executed in order after the HTML is fully parsed.

3. External File with async Attribute:

If you want the script to be executed asynchronously (not necessarily in order), you can use the async attribute.

Example:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

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

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

```
  <title>Your Page</title>
```

```
  <!-- External JavaScript file with async attribute -->
```

```
  <script src="path/to/your/script.js" async></script>
```

```
</head>
```

```
<body>
```

```
  <!-- Your HTML content here -->
```

```
</body>
```

</html>

Choose the method that best fits your needs based on when you want the script to be executed in relation to the HTML parsing process.