Lightning Web Components Basics

Deploy Lightning Web Component Files

bikeCard.html

```html
<template>
  <div>
    <div>Name: {name}</div>
    <div>Description: {description}</div>
    <lightning-badge label={material}></lightning-badge>
    <lightning-badge label={category}></lightning-badge>
    <div>Price: {price}</div>
    <div><img src={pictureUrl}/></div>
  </div>
</template>
```

bikeCard.js

```js
import { LightningElement } from 'lwc';
export default class BikeCard extends LightningElement {
  name = 'Electra X4';
  description = 'A sweet bike built for comfort.';
  category = 'Mountain';
  material = 'Steel';
  price = '$2,700';
  pictureUrl = 'https://s3-us-west-1.amazonaws.com/sfdc-demo/ebikes/electrax4.jpg';
```

```
  }
```

bikeCard.js-meta.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<LightningComponentBundle xmlns="http://soap.sforce.com/2006/04/metadata">
    <!-- The apiVersion may need to be increased for the current release -->
    <apiVersion>52.0</apiVersion>
    <isExposed>true</isExposed>
    <masterLabel>Product Card</masterLabel>
    <targets>
        <target>lightning__AppPage</target>
        <target>lightning__RecordPage</target>
        <target>lightning__HomePage</target>
    </targets>
</LightningComponentBundle>
```

Add Styles and Data to a Lightning Web Component

selector.html

```html
<template>
    <div class="wrapper">
    <header class="header">Available Bikes {name}</header>
    <section class="content">
        <div class="columns">
        <main class="main" >
            <c-list onproductselected={handleProductSelected}></c-list>
```

```html
      </main>

      <aside class="sidebar-second">

        <c-detail product-id={selectedProductId}></c-detail>

      </aside>

      </div>

    </section>

    </div>

</template>
```

Selector.js

```javascript
import { LightningElement } from 'lwc';


export default class Selector extends LightningElement {
    selectedProductId;


    handleProductSelected(evt) {
        this.selectedProductId = evt.detail;

    }
}
```

selector.css

```css
body {
  margin: 0;
}
.wrapper{
  min-height: 100vh;
  background: #ccc;
  display: flex;
```

```css
    flex-direction: column;

  }

  .header, .footer{

    height: 50px;

    background: rgb(255, 255, 255);

    color: rgb(46, 46, 46);

    font-size: x-large;

    padding: 10px;

  }

  .content {

    display: flex;

    flex: 1;

    background: #999;

    color: #000;

  }

  .columns{

    display: flex;

    flex:1;

  }

  .main{

    flex: 1;

    order: 2;

    background: #eee;

  }

  .sidebar-first{

    width: 20%;

    background: #ccc;

    order: 1;

  }
```

```css
.sidebar-second{

  width: 30%;

  order: 3;

  background: #ddd;

}
```