

Xml component Configuration file

https://developer.salesforce.com/docs/component-library/documentation/en/lwc/lwc.use_config_for_app_builder

Why use LWC?

It uses the latest web stack or uses a latest modern standards[including custom elements,shadow dom and templates].

It offers better performance than aura plus lwc components are compatible with aura components [both can co exist].

Userinterface History of Salesforce

Initially it support(s-control)

2006-Vf Pages were introduced

2014-Aura components were introduced

2019-Lightning web Aura Components

Difference in 2014 & modern web stack

2014 [aura]	2019
More Framework Less Native	Less Framework and more Native
Events are restricted	Events are not restricted
Skills are not transferable	skill are Transferable

In order to develop lwc component user require Visual Studio Code

Installing of salesforce cli

Install Java version as requirement

Install Visual studio code

Install Salesforce extension pack from Visual Studio

Create an Empty project

Authorize that Project by giving an ALias

→Login salesforce [Authentication can be done with the help of Login of user org]

→Create Lwc component.

Meta configuration file

```
<?xml version="1.0" encoding="UTF-8"?>
<LightningComponentBundle xmlns="http://soap.sforce.com/2006/04/metadata">
  <apiVersion>47.0</apiVersion>
  <isExposed>true</isExposed>
  <masterLabel>FirstT Demo</masterLabel>
  <description>This is a first demo component.</description>
  <targets>

    <target>lightning__AppPage</target>
    <target>lightning__HomePage</target>
  </targets>
</LightningComponentBundle>
```

Html

```
<template>
  <h1 style="color: blanchedalmond;">
```

My first Program on Lwc

```
</h1>
```

```
</template>
```

Deploy salesforce OrG