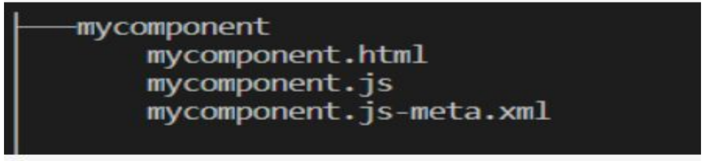
Lightning web component - Programming

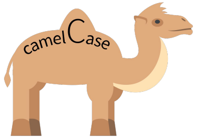
What do we plan to accomplish

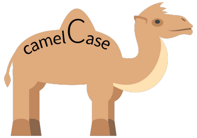
LWC programming fundamentals

a. Component Bundle
b. My component
    i. Camel casing
    ii. Kebab casing
    iii. Manifest file importance



```
│───mycomponent
            mycomponent.html
            mycomponent.js
            mycomponent.js-meta.xml
```

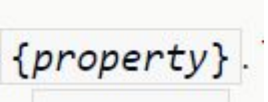




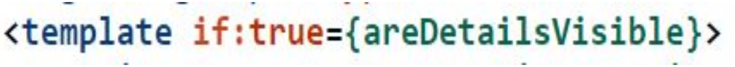
What do we plan to accomplish

LWC programming fundamentals

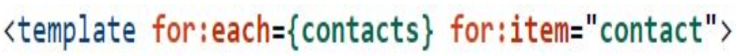
a. Data Binding
b. Conditional Rendering
    i. Directives
c. Looping and iteration



```
{property}
```



```
<template if:true={areDetailsVisible}>
```



```
<template for:each={contacts} for:item="contact">
```

Few tips before we start…..

a. JS files are always cached in the browser.
   i. Ensure debug mode is enabled (OR)
   ii. Use force load to see development changes

b. Reuse code snippets - Keep Lightning components gallery handy

c. Reuse style classes - Keep Salesforce lightning design system(SLDS) gallery handy

d. Reuse LWC markup and css - Keep devcomponents.dev handy

e. Use icons from SLDS gallery

f. Use SLDS validator extension in VS code to scan markup against guidelines

Demo

Create a sample LWC component & test in your org

- Reuse code from LWC library
- Reuse style
- Data binding - Show a simple card static data
- Show how directives add more dynamic flavour to your component
    - If ...else
    - Iterative for loop