**Alpine js cheat sheet**

**1.Dropdown**

x-data="{isOpen: false}"

@click="isOpen = !isOpen"

x-show="isOpen"

* we have another handy modifier here @click.away event

@click.away="isOpen = !isOpen"

* another way we can hide the toggle by hitting escape event
* we listen that event on button
* when button click of toggle

@keydown.escape="isOpen = false"

@keydown.enter="isOpen = false"

**2.Model and refs**

**Model Code**

<div x-data="{isOpen:false}">

* Inside model open button

@click="isOpen = true "

@keydown.escape="isOpen = false"

* Inside model close button

@click="isOpen = false"

**Refs Code**

* We need to focus our close models button
* inside close model button

x-ref="modelCloseButton"

x-ref and we give it a name.

* next we will use nextTick property that allow us to execute given expression after alpine has made it reactive DOM update
* Inside open model button

@click="isOpen = true

$nextTick(() => $refs.modelCloseButton.focus())

**3. Scroll effect detect in alpine js**

-> This is a scroll event listener going to apply on window itself.

<div x-data="{ atTop: true }">

<nav

class="p-4 w-full fixed"

:class="{ 'bg-white shadow-md' : !atTop }"

@scroll.window="atTop = (window.pageYOffset > 20) ? false : true"

>

Top Nav goes here

</nav>

<div class="container mx-auto p-4 pt-16">

Lorem ipsum dolor sit amet, consectetur adipisicing elit. In maxime, enim omnis consequatur ratione odio voluptas pariatur nam recusandae, quidem ducimus placeat

</div>

**5.Loop over array in Alpine js**

We use template directive to loop over the array in alpine js.

**1:Define array in alpine js**

<div class="container mx-auto px-2 py-2" x-data="{

faqs: [

{

question: 'Why do I need Alpine JS?',

answer: 'Lorem ipsum dolor sit amet, consectetur adipisicing elit. Dolores iure quas laudantium dicta impedit, est id delectus molestiae deleniti enim nobis rem et nihil.',

isOpen: true,

},

{

question: 'Why am I so awesome?',

answer: 'Lorem ipsum dolor sit amet, consectetur adipisicing elit. Eligendi cumque, nulla harum aspernatur veniam ullam provident neque temporibus autem itaque odit.',

isOpen: true,

},

{

question: 'Why learn on Scrimba?',

answer: 'Lorem ipsum dolor sit amet, consectetur adipisicing elit. Eligendi cumque, nulla harum aspernatur veniam ullam provident neque temporibus autem itaque odit.',

isOpen: true,

},

]

}">

**6.How to make use of API’s in Alpine.js**

x-init() directive runs when alpine initialize.

Define x-data directive to define state

x-data="{ quote:'' }"

x-init="quote = 'Awesome quote'"

show the qout like that

<div class="flex items-center text-center justify-center h-screen text-2xl italic" x-text="`&quot;${quote}&quot;`"></div>

</div>

Now we want to make use of external API.

For that use use fetch() method directive and path api url as an parameter inside that method.

x-init="

fetch('https://api.kanye.rest')

.then(response => response.json())

.then(data => quote = data.quote)

"

So any initialization you want make to do, use x-init directive.