

Spartacus Training

Day 2







Let start from where we have left.

- ☐ Have you all installed Node and Angular?
- ☐ Have you all run your first Angular Application??
- ☐ Have you completed the given exercise???



Adding Spartacus in our application

Currently the latest Spartacus version is 4^. But we are going to work with 3^.

Lets add Spartacus in our application

https://sap.github.io/spartacus-docs/building-the-spartacus-storefront-from-libraries-4-x/

Setting Up Your Project Using Schematics

Run the following command to install the latest official release of Spartacus using schematics:

ng add @spartacus/schematics

We are not using @latest since we don't want to install latest summary



Check the final outcome!

Change the baseUrl with working URL.

https://spartacus-demo.eastus.cloudapp.azure.com:8443

Open http://localhost:4200

Check the outcome.





Life Cycle hooks in angular

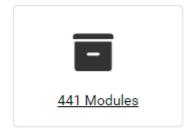
constructor
ngOnChanges
ngOnInit
ngDoCheck
ngAfterContentInit
ngAfterContentChecked
ngAfterViewInit
ngAfterViewChecked
ngOnDestroy

- ngOnChanges When the value of a data bound property changes, then this method is called.
- ngOnInit This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
- ngDoCheck This is for the detection and to act on changes that Angular can't or won't detect on its own.
- ngAfterContentInit This is called in response after Angular projects external content into the component's view.
- ngAfterContentChecked This is called in response after Angular checks the content projected into the component.
- ngAfterViewInit This is called in response after Angular initializes the component's views and child views.
- ngAfterViewChecked This is called in response after Angular checks the component's views and child views.
- ngOnDestroy This is the cleanup phase just before Angular destroys the directive/component.

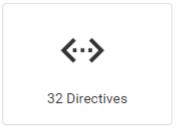




Spartacus Modules

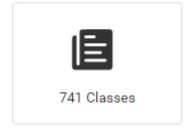


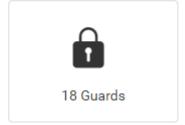














We are using Spartacus 3^
version so the number of
modules will be different in this
case.

https://sap.github.io/spartacus/overview.html



Exercise.. Yay!

- 1. Print something in every lifecycle hook.
- 2. Create an array of weekdays and traverse through it. You can use js array methods. (Map, reduce, etc)
- 3. Create an object name student with attributes name, class, subjects, roll no

```
student : {
    name: string,
    class: number,
    subjects: array of strings,
    roll_no: string
}
```

- 4. Print each and every property of student.
- 5. Print the same student details on webpage. Extra marks for Creativity.
- 6. Make Array of students and print it on webpage.
- 7. Make a button and on click on click of it print your name.



Why this exercise!!!

We all need to understand at least the basics of html, css and js. Which we might not cover as the part of session.

Lets complete this and from tomorrow we are going to make changes in Spartacus and we will have exercises revolving that.

Lets start with outlets.



Thank you!



