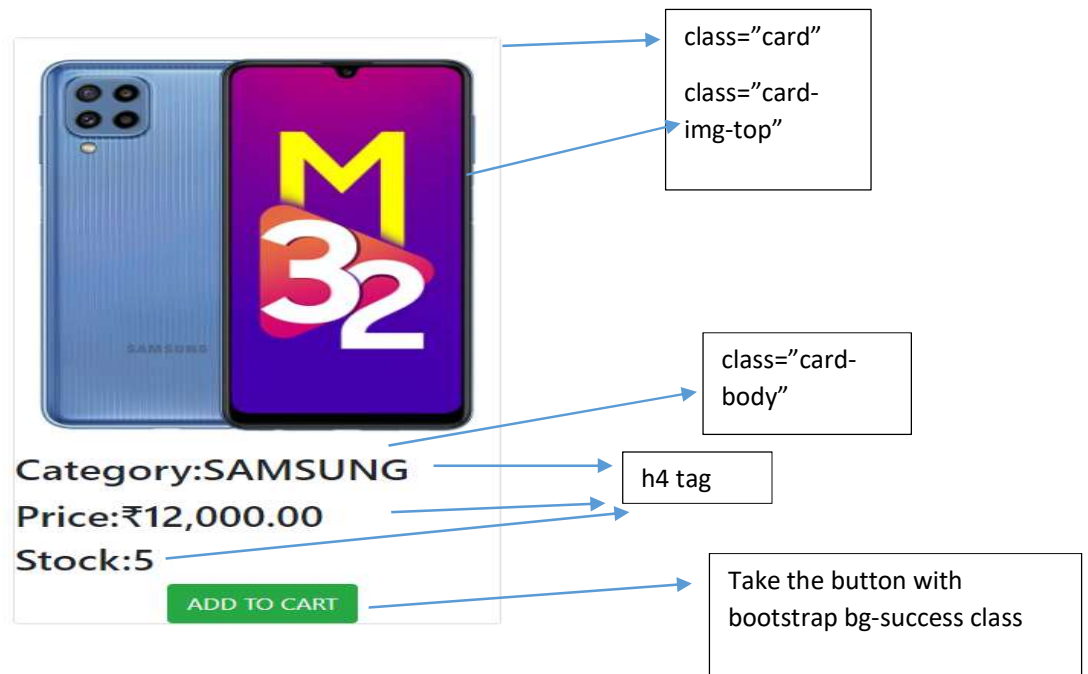Solved Any Two Questions

Timing: 2 Hours

Q1. Problem Statement: Develop a Simple Angular application by using the following requirement:

Step1: Inside the app.component.ts define the following properties

Property Name	Property Type
productTitle	string
productPrice	number
stock	number

And initialized them with the values.

Step2: Inside the app.component.html print the product details by looking the following snapshot.

class="card"

class="card-img-top"

class="card-body"

h4 tag

Take the button with bootstrap bg-success class

Template:

app.component.html

<div class="card">

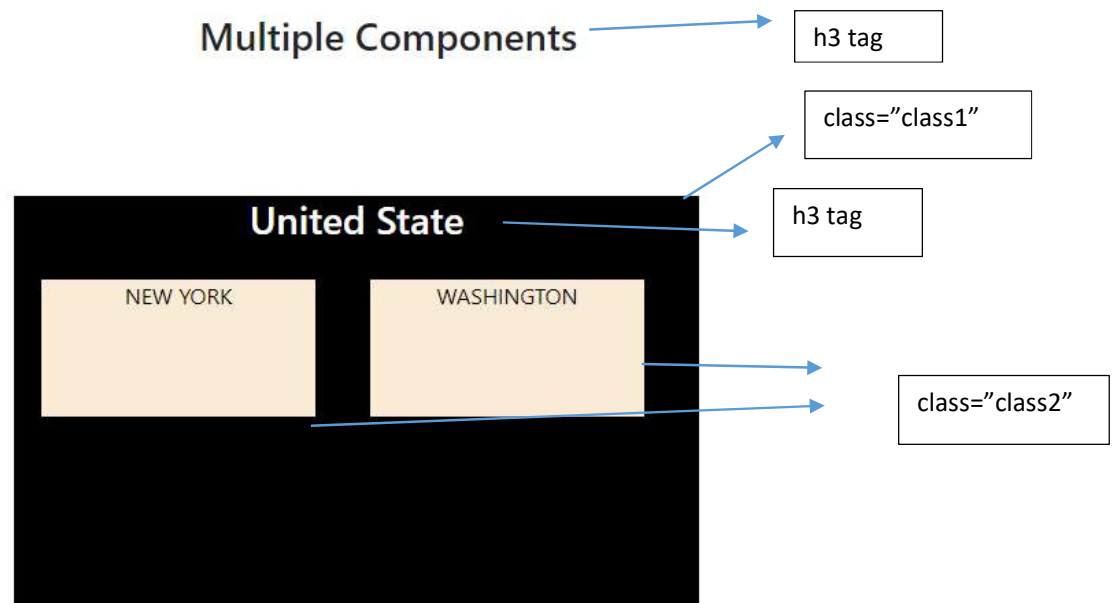
  <div class="card-body">

</div>

</div>

Q2.

Problem Statement: Develop the Angular Application to show the multiple components by using the below requirement:

Step1: Create 3 components as below:

> USA
> - o   New York
> - o   Washington

Here USA is parent component and New York, Washington are the child components.

For References look the below snapshot:

Template:

----

app.component.html

```html
<h3 style="text-align:center">Multiple Components</h3>
```

usa.component.html

```html
<div class="class1">
  <h3>United State</h3>

</div>
```

new-york.component.html

```html
<div class="class2">

</div>
```

washington.component.html

```html
<div class="class2">

</div>
```

Q3.

Problem Statement: Develop the Product Form Application with Reactive form.

Cream Stone is one of the biggest ice cream selling shops. Every day the company, introducing new products to the customer. The company needs a form, to get and display the product details like product name, brand, price Use Angular Component and design a page to implement the get and display product details using reactive forms.

Constraints:

     o   Create a reactive form to enter the product details.
     o   Store the details using Form Control.
     o   Display the product details entered in the form.
     o   Do follow the UI constraints given in the screenshots

ScreenShot-1

PRODUCT NAME	PRODUCT BRAND	PRODUCT PRICE

ScreenShot-2: Output:

PRODUCT DETAILS

Product Name

MILK SHAKE

Product Brand

CCS

Product Price

300

STORE

PRODUCT NAME	PRODUCT BRAND	PRODUCT PRICE
MILK SHAKE	CCS	300

Template:

```html
<div class="container">
        <h3>PRODUCT DETAILS</h3>
        <form [formGroup]="myform" (ngSubmit)="store()">

                //write the code here

        </form>

</div>
<div style="margin-top:10px;">
        <div class="productdetails">
                <table class="table">
                        <thead class="thead-light">
                          <tr>
                            <th>PRODUCT NAME</th>
                            <th>PRODUCT BRAND</th>
                            <th>PRODUCT PRICE</th>
                          </tr>
                        </thead>
                        <tbody>
                          <tr>
                            <td>{{pname}}</td>
                            <td>{{pbrand}}</td>
```

```html
                                                   <td>{{pprice}}</td>
                                       </tr>

                                   </tbody>
                               </table>
           </div>

</div>
```

app.component.html

```typescript
import { Component } from '@angular/core';
import {FormGroup,Validators,FormControl} from '@angular/forms';
@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  myform:FormGroup;
  pname:string;
  pbrand:string;
  pprice:number;

 constructor(){
    //write the  code here
 }

 get name(){
    //write the  code  here
 }
 get brand(){
  //write the code here
}
get price(){
 //write the code  here
}

 store(){
    //write the code here
 }

}
```

Q4.

Problem Statement: Develop the Customer Form Application with Template Driven form.

John need to maintain the customer information help john to create the form with following constraints.

Constraints:

- o Create a template driven form to enter the customer details.
- o This customer form contain 3 fields with following condition:
  - o Customer Name is required
  - o Customer Email
    - Is required
    - Is email is valid
  - o Mobile Number
    - Is required
    - Mobile number should start with either 7 or 8 or 9 and max 10 digits.
- o Once the user fill the form click on button print the data in JSON format by using Pipe json.
- o Do follow the UI constraints given in the screenshots

ScreenShot:1

CUSTOMER DETAILS:

ScreenShot2:

CUSTOMER DETAILS:

Screen Shot3:

CUSTOMER DETAILS: {
"cname": "RAJU", "email":
"RAJU@gmail.com", "mno":
"7009988711" }