**Information about Marine World**

Name : G S SRENATH KUMAR Unique Id:E0120006

Students Team:

Name of the student: G S SRENATH KUMAR Unique Id:E0120006

-------------------------------------------------------------------------------------------------------------------------------

Component Used are:

binding

bindings

carousel

dolphine

fishes

footer

grid-sytem

header

intro

main-navbar

nav-drop

pagenotfound

reuse

routing

sharks

user

**Code:**

**File 1 app.component.html**

**<app-header></app-header>**

**<div style="background-image: url('https://www.freecodecamp.org/news/content/images/2020/04/w-qjCHPZbeXCQ-unsplash.jpg');">**

**<main-navbar ></main-navbar>**

**<br>**

**<carousel></carousel>**

**<intro></intro>**

**<grid-sytem></grid-sytem>**

**<app-binding></app-binding>**

**<app-reuse></app-reuse>**

**<app-bindings></app-bindings>**

**<routing></routing>**

**<router-outlet></router-outlet>**

**File 2 app.component.css**

**table, th, td {**

**border: 1px solid black;**

**border-collapse: collapse;**

**}**

**table.center {**

**margin-left: auto;**

**margin-right: auto;**

**}**

**File 3 app-routing.module.ts**

**import { NgModule } from '@angular/core';**

**import { RouterModule, Routes } from '@angular/router';**

**import { DolphineComponent } from './dolphine/dolphine.component';**

**import { FishesComponent } from './fishes/fishes.component';**

**import { PagenotfoundComponent } from './pagenotfound/pagenotfound.component';**

**import { SharksComponent } from './sharks/sharks.component';**

**const routes: Routes = [**

**{path: "fishes",component:FishesComponent},**

**{path:"sharks",component:SharksComponent},**

**{path:"dolphine",component:DolphineComponent},**

**{path:"pagenotfound",component:PagenotfoundComponent}**

**];**

**@NgModule({**

**imports: [RouterModule.forRoot(routes)],**

**exports: [RouterModule]**

**})**

**export class AppRoutingModule { }**

**export const routingComponents=[FishesComponent,SharksComponent,DolphineComponent,PagenotfoundComponent]**

**File 4 app.component.spec.ts**

**import { TestBed } from '@angular/core/testing';**

**import { RouterTestingModule } from '@angular/router/testing';**

**import { AppComponent } from './app.component';**

**describe('AppComponent', () => {**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**imports: [**

**RouterTestingModule**

**],**

**declarations: [**

**AppComponent**

**],**

**}).compileComponents();**

**});**

**it('should create the app', () => {**

**const fixture = TestBed.createComponent(AppComponent);**

**const app = fixture.componentInstance;**

**expect(app).toBeTruthy();**

**});**

**it(`should have as title 'level3'`, () => {**

**const fixture = TestBed.createComponent(AppComponent);**

**const app = fixture.componentInstance;**

**expect(app.title).toEqual('level3');**

**});**

**it('should render title', () => {**

**const fixture = TestBed.createComponent(AppComponent);**

**fixture.detectChanges();**

**const compiled = fixture.nativeElement;**

**expect(compiled.querySelector('.content span').textContent).toContain('level3 app is running!');**

**});**

**});**

**File 5 app.component.ts**

**import { Component } from '@angular/core';**

**@Component({**

**selector: 'app-root',**

**templateUrl: './app.component.html',**

**styleUrls: ['./app.component.css']**

**})**

**export class AppComponent {**

**title = 'level3';**

**mobileinfo = [**

**{**

**name: 'Whales',**

**family:'Selachimorpha',**

**types:"24"},**

**{**

**name:'Dolphins',**

**family:'Delphinidae',**

**types:"45"},**

**{**

**name:'Crocodiles',**

**family:'Crocodylidae',**

**types:'19'**

**},**

**{**

**name:'Turtles',**

**family:'amniotes',**

**types:"25"},**

**{**

**name:'Snakes',**

**family:'Animalia',**

**types:"115"},**

**{**

**name:'Sea Lions',**

**family:'Eared seal',**

**types:"78"},**

**{**

**name:'Rays',**

**family:'Batoidea',**

**types:"156"},**

**]**

**color='darkblue';**

**updateColor()**

**{**

**this.color="black"**

**}**

**image = "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSXRacZ6YpMzlZcmAisAfK5DXSz4qiI920QXaINsOABrDujQVTHS-CVErUhq74vPTxPKa8&usqp=CAU";**

**image1="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSXRacZ6YpMzlZcmAisAfK5DXSz4qiI920QXaINsOABrDujQVTHS-CVErUhq74vPTxPKa8&usqp=CAU";**

**name="";**

**clickMe(){**

**alert("Data Imported Successfully")**

**}**

**user=[**

**{name:'Fishes',types:39,location:'Maldina tri point'},**

**{name:'Dolphins',types:22,location:'Aldives'},**

**{name:'Sharks',types:30,location:'Australia'}**

**]**

**}**

**File 6 app.module.ts**

**import { NgModule } from '@angular/core';**

**import { BrowserModule } from '@angular/platform-browser';**

**import { FormsModule } from "@angular/forms";**

**import { AppRoutingModule ,routingComponents} from './app-routing.module';**

**import { AppComponent } from './app.component';**

**import { MainNavbarComponent } from './main-navbar/main-navbar.component';**

**import {NgbModule} from "@ng-bootstrap/ng-bootstrap";**

**import { CoursesComponent } from './courses/courses.component';**

**import { ResultsComponent } from './results/results.component';**

**import { NavDropComponent } from './nav-drop/nav-drop.component';**

**import { RoutingComponent } from './routing/routing.component';**

**import { IntroComponent } from './intro/intro.component';**

**import { GridSytemComponent } from './grid-sytem/grid-sytem.component';**

**import { PagenotfoundComponent } from './pagenotfound/pagenotfound.component';**

**import { StructuralDirectiveComponent } from './structural-directive/structural-directive.component';**

**import { StructComponent } from './struct/struct.component';**

**import { CarouselComponent } from './carousel/carousel.component';**

**import { BindingComponent } from './binding/binding.component';**

**import { BindingsComponent } from './bindings/bindings.component';**

**import { UserComponent } from './user/user.component';**

**import { FooterComponent } from './footer/footer.component';**

**import { HeaderComponent } from './header/header.component';**

**import { ReuseComponent } from './reuse/reuse.component';**

**@NgModule({**

**declarations: [**

**AppComponent,**

**MainNavbarComponent,**

**CoursesComponent,**

**ResultsComponent,**

**NavDropComponent,**

**routingComponents,**

**RoutingComponent,**

**IntroComponent,**

**GridSytemComponent,**

**PagenotfoundComponent,**

**StructuralDirectiveComponent,**

**StructComponent,**

**CarouselComponent,**

**BindingComponent,**

**BindingsComponent,**

**UserComponent,**

**FooterComponent,**

**HeaderComponent,**

**ReuseComponent**

**],**

**imports: [**

**BrowserModule,**

**AppRoutingModule,**

**NgbModule,**

**FormsModule**

**],**

**providers: [],**

**bootstrap: [AppComponent]**

**})**

**export class AppModule { }**

**File 7 binding.component.html**

**<br>**

**<div style="text-align: center;">**

**<h1>Here is Sea Animals Family </h1>**

**<table border="3" class="center">**

**<tr>**

**<th>Sea Animals</th>**

**<th>Family</th>**

**<th>No.of Types</th>**

**</tr>**

**<!---mobileinfor is property, \*ngFor fethches the value of the property into table-->**

**<tr \*ngFor="let item of mobileinfo">**

**<td [style.color]="color"> {{item.name}}</td>**

**<td [style.color]="color">{{item.family}}</td>**

**<td [style.color]="color">{{item.types}}</td>**

**</tr>**

**</table>**

**<br>**

**<div style="text-align: center;">**

**<button (click)="updateColor()">Update color</button>**

**</div>**

**</div>**

**<!--End-->**

**File 8:binding.component.css**

**table, th, td {**

**border: 1px solid black;**

**border-collapse: collapse;**

**}**

**table.center {**

**margin-left: auto;**

**margin-right: auto;**

**}**

**File 9:binding.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { BindingComponent } from './binding.component';**

**describe('BindingComponent', () => {**

**let component: BindingComponent;**

**let fixture: ComponentFixture<BindingComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ BindingComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(BindingComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 10:binding.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'app-binding',**

**templateUrl: './binding.component.html',**

**styleUrls: ['./binding.component.css']**

**})**

**export class BindingComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**mobileinfo = [**

**{**

**name: 'Whales',**

**family:'Selachimorpha',**

**types:"24"},**

**{**

**name:'Dolphins',**

**family:'Delphinidae',**

**types:"45"},**

**{**

**name:'Crocodiles',**

**family:'Crocodylidae',**

**types:'19'**

**},**

**{**

**name:'Turtles',**

**family:'amniotes',**

**types:"25"},**

**{**

**name:'Snakes',**

**family:'Animalia',**

**types:"115"},**

**{**

**name:'Sea Lions',**

**family:'Eared seal',**

**types:"78"},**

**{**

**name:'Rays',**

**family:'Batoidea',**

**types:"156"},**

**]**

**color='darkblue';**

**updateColor()**

**{**

**this.color="black"**

**}**

**}**

**File 11 bindings.component.html**

**<div style="text-align: center;">**

**<h2>Enter your details for more information</h2>**

**<label>Email-id:**

**<input [(ngModel)]="name">**

**</label>**

**<br>**

**<h2>Email-id:{{name}}</h2>**

**<div>**

**<button class="btn-medium" (click)="clickMe()">Enter </button>**

**</div>**

**</div>**

**File 12:bindings.component.css**

**No data needed for output**

**File 13:bindings.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { BindingsComponent } from './bindings.component';**

**describe('BindingsComponent', () => {**

**let component: BindingsComponent;**

**let fixture: ComponentFixture<BindingsComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ BindingsComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(BindingsComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 14 :bindings.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'app-bindings',**

**templateUrl: './bindings.component.html',**

**styleUrls: ['./bindings.component.css']**

**})**

**export class BindingsComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**image = "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSXRacZ6YpMzlZcmAisAfK5DXSz4qiI920QXaINsOABrDujQVTHS-CVErUhq74vPTxPKa8&usqp=CAU";**

**image1="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSXRacZ6YpMzlZcmAisAfK5DXSz4qiI920QXaINsOABrDujQVTHS-CVErUhq74vPTxPKa8&usqp=CAU";**

**name="";**

**clickMe(){**

**alert("Data Imported Successfully.Details will be sent shortly")**

**}**

**}**

**File 15:carousel.component.html**

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">**

**<div class="container">**

**<div id="myCarousel" class="carousel slide" data-ride="carousel">**

**<!-- Indicators -->**

**<ol class="carousel-indicators">**

**<li data-target="#myCarousel" data-slide-to="0" class="active"></li>**

**<li data-target="#myCarousel" data-slide-to="1"></li>**

**<li data-target="#myCarousel" data-slide-to="2"></li>**

**</ol>**

**<!-- Wrapper for slides -->**

**<div class="carousel-inner">**

**<div class="item active">**

**<img src="https://www.homestratosphere.com/wp-content/uploads/2019/03/1-5-3-1.jpg" alt="Los Angeles" style="width:100%;">**

**<div class="carousel-caption">**

**<h3>Fishes</h3>**

**<p>Fishes takes oxygen every 10 th second</p>**

**</div>**

**</div>**

**<div class="item">**

**<img src="https://cdn.britannica.com/s:800x450,c:crop/66/195966-138-F9E7A828/facts-turtles.jpg" alt="Chicago" style="width:100%;">**

**<div class="carousel-caption">**

**<h3>Turtles</h3>**

**<p>Turtles lives in both land and water</p>**

**</div>**

**</div>**

**<div class="item">**

**<img src="https://static.dw.com/image/15943674\_303.jpg" alt="New York" style="width:100%;">**

**<div class="carousel-caption">**

**<h3>Dolphins</h3>**

**<p>Dolphins jumps at the height of 10 feet</p>**

**</div>**

**</div>**

**</div>**

**<!-- Left and right controls -->**

**<a class="left carousel-control" href="#myCarousel" data-slide="prev">**

**<span class="glyphicon glyphicon-chevron-left"></span>**

**<span class="sr-only">Previous</span>**

**</a>**

**<a class="right carousel-control" href="#myCarousel" data-slide="next">**

**<span class="glyphicon glyphicon-chevron-right"></span>**

**<span class="sr-only">Next</span>**

**</a>**

**</div>**

**</div>**

**File 16:carousel.component.css**

**.demo-content{**

**padding: 40px;**

**font-size: 40px;**

**background: #aadfe5;**

**margin-bottom: 40px;**

**}**

**.demo-content.bg-alt{**

**background: #adb1b8;**

**}**

**.carousel-inner > .item {**

**height: 500px;**

**}**

**content{**

**padding: 15px;**

**font-size: 18px;**

**background: #ceb3ad;**

**margin-bottom: 15px;**

**}**

**.content.bg-alt{**

**background: #cddadb;**

**}**

**h2 {**

**text-align: center;**

**}**

**File 17:carousel.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { CarouselComponent } from './carousel.component';**

**describe('CarouselComponent', () => {**

**let component: CarouselComponent;**

**let fixture: ComponentFixture<CarouselComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ CarouselComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(CarouselComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 18: carousel.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'carousel',**

**templateUrl: './carousel.component.html',**

**styleUrls: ['./carousel.component.css']**

**})**

**export class CarouselComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 19:dolphine.component.html**

**<h2 style="text-align:center;" ><span style="color: red">DOLPHINS</span></h2>**

**<div style="text-align: center;">**

**<img src="https://images2.minutemediacdn.com/image/upload/c\_crop,h\_1778,w\_3155,x\_0,y\_843/v1554928552/shape/mentalfloss/540093-istock-514343279.jpg?itok=isS-TJcM" alt="https://en.wikipedia.org/wiki/Sea\_lion" style="width:250px">**

**</div>**

**<p style="text-align:center">Dolphin is the common name of aquatic mammals within**

**the infraorder Cetacea. The term dolphin usually refers to the extant families Delphinidae**

**(the oceanic dolphins), Platanistidae (the Indian river dolphins), named Iniidae (the New**

**World river dolphins), and Pontoporiidae (the brackish dolphins), and the extinct Lipotidae**

**(baiji or Chinese river dolphin). There are 40 extant species named as dolphins.**

**Dolphins can range in size from the relatively small 1.7-metre-long (5 ft 7 in) long**

**and 50-kilogram (110-pound) bodied Maui's dolphin to the 9.5 m (31 ft 2 in) and 10-tonne**

**(11-short-ton) killer whale. Several species exhibit sexual dimorphism, in that the males**

**are larger than females. They have streamlined bodies and two limbs that are modified into**

**flippers. Though not quite as flexible as seals, some dolphins can travel at speeds 29 km/h**

**(18 mph) for short distances. Dolphins use their conical shaped teeth to capture fast moving**

**prey. They have well-developed hearing which is adapted for both air and water and is so well**

**developed that some can survive even if they are blind. Some species are well adapted for diving**

**to great depths. They have a layer of fat, or blubber, under the skin to keep warm in the cold**

**water.</p>**

**File 20:dolphine.component.css**

**img {**

**border-radius: 60%;**

**}**

**File 21:dolphine.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { DolphineComponent } from './dolphine.component';**

**describe('DolphineComponent', () => {**

**let component: DolphineComponent;**

**let fixture: ComponentFixture<DolphineComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ DolphineComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(DolphineComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 22:dolphine.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'app-dolphine',**

**templateUrl: './dolphine.component.html',**

**styleUrls: ['./dolphine.component.css']**

**})**

**export class DolphineComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 23:fishes.component.html**

**<h2 style="text-align:center;" ><span style="color: green">FISHES</span></h2>**

**<div style="text-align: center;">**

**<img src="https://images.unsplash.com/photo-1535591273668-578e31182c4f?ixlib=rb-1.2.1&q=80&fm=jpg&crop=entropy&cs=tinysrgb&w=1080&fit=max&ixid=eyJhcHBfaWQiOjM2NTI5fQ" alt="https://en.wikipedia.org/wiki/Sea\_lion" style="width:250px">**

**</div>**

**<p style="text-align:center">Fish are aquatic, craniate, gill-bearing animals that lack limbs**

**with digits. They form a sister group to the tunicates, together forming the olfactores. Included**

**in this definition are the living hagfish, lampreys, and cartilaginous and bony fish as well as**

**various extinct related groups. Around 99% of living fish species are ray-finned fish, belonging**

**to the class Actinopterygii, with over 95% belonging to the teleost subgrouping.**

**The earliest organisms that can be classified as fish were soft-bodied chordates that first**

**appeared during the Cambrian period. Although they lacked a true spine, they possessed notochords**

**which allowed them to be more agile than their invertebrate counterparts. Fish would continue to**

**evolve through the Paleozoic era, diversifying into a wide variety of forms. Many fish of the**

**Paleozoic developed external armor that protected them from predators. The first fish with jaws**

**appeared in the Silurian period, after which many (such as sharks) became formidable marine predators**

**rather than just the prey of arthropods.</p>**

**File 24:fishes.component.css**

**img {**

**border-radius: 60%;**

**}**

**File 25:fishes.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { FishesComponent } from './fishes.component';**

**describe('FishesComponent', () => {**

**let component: FishesComponent;**

**let fixture: ComponentFixture<FishesComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ FishesComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(FishesComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 26:fishes.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'app-fishes',**

**templateUrl: './fishes.component.html',**

**styleUrls: ['./fishes.component.css']**

**})**

**export class FishesComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 27:grid-sytem.component.html**

**<h2 class="text-center my-3">LIFE EXTINCT OF THE SEA ANIMALS</h2>**

**<div class="text-center">DEATH GREATER THAN 1 MILLION(10 LAKHS) PER YEAR</div>**

**<div class="container mt-3">**

**<div class="row">**

**<div class="col-8 bg-success">FISHES:60%</div>**

**<div class="col-4 bg-warning">LD Ratio:6:4</div>**

**</div>**

**<br>**

**<div class="row">**

**<div class="col-3 bg-success">SHARKS:40%</div>**

**<div class="col-9 bg-warning">LD Ratio:7:3</div>**

**</div>**

**<br>**

**<div class="row">**

**<div class="col-7 bg-success">DOLPHINS=65%</div>**

**<div class="col-5 bg-warning">LD Ratio:7:3</div>**

**</div>**

**<br>**

**<div class="row">**

**<div class="col-3 bg-success">REPTILES=23%</div>**

**<div class="col-9 bg-warning">LD Ratio:5:5</div>**

**</div>**

**</div>**

**File 28:grid-sytem.component.css**

**.content{**

**padding: 15px;**

**font-size: 18px;**

**background: #5ec40c;**

**margin-bottom: 15px;**

**}**

**File 29:grid-sytem.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { GridSytemComponent } from './grid-sytem.component';**

**describe('GridSytemComponent', () => {**

**let component: GridSytemComponent;**

**let fixture: ComponentFixture<GridSytemComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ GridSytemComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(GridSytemComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 30:grid-sytem.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'grid-sytem',**

**templateUrl: './grid-sytem.component.html',**

**styleUrls: ['./grid-sytem.component.css']**

**})**

**export class GridSytemComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 31 header.component.html**

**<h3>Welcome to Marine World</h3>**

**File 32 header.component.css**

**h3{**

**background-color: rgb(14, 171, 223);**

**margin: 0;**

**padding: 15px;**

**text-align: center;**

**}**

**File 33 header.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { HeaderComponent } from './header.component';**

**describe('HeaderComponent', () => {**

**let component: HeaderComponent;**

**let fixture: ComponentFixture<HeaderComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ HeaderComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(HeaderComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 34 header.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'app-header',**

**templateUrl: './header.component.html',**

**styleUrls: ['./header.component.css']**

**})**

**export class HeaderComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 35 intro.component.html**

**<br>**

**<h1 style="text-align:center;" ><span style="color: powderblue">MARINE WORLD</span></h1>**

**<nav-drop></nav-drop>**

**<br>**

**<br>**

**<h3 style="text-align:center;" ><span style="color: rgb(51, 255, 0)">SEA LIFE SOCIETY</span></h3>**

**<p style="background-color:powderblue;">We invite you to explore the depths of MarineBio and find out about marine species, ocean conservation, research,**

**and 101+ Ways to Make a Difference Today. Make your voice heard by contacting us or participating in any of our social**

**networking sites: Instagram, Facebook, Twitter, Pinterest, etc. Together our efforts are making the difference needed so**

**that our ocean’s many wonderful species (including us) will be able to thrive and survive.MarineBio is an ever-evolving**

**tribute to all ocean life that has been a central source online for the latest information concerning marine life and its**

**biology, and especially its conservation, since 1998..</p>**

**File 36 intro.component.css**

**No data required for output**

**File 37 intro.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { IntroComponent } from './intro.component';**

**describe('IntroComponent', () => {**

**let component: IntroComponent;**

**let fixture: ComponentFixture<IntroComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ IntroComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(IntroComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 38 intro.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'intro',**

**templateUrl: './intro.component.html',**

**styleUrls: ['./intro.component.css']**

**})**

**export class IntroComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 39 main-navbar.component.html**

**<nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark" aria-label="Main navigation">**

**<div class="container-fluid">**

**<a class="navbar-brand" href="https://en.wikipedia.org/wiki/Marine\_World">Marine World System</a>**

**<button class="navbar-toggler p-0 border-0" type="button" data-bs-toggle="offcanvas" aria-label="Toggle navigation">**

**<span class="navbar-toggler-icon"></span>**

**</button>**

**<div class="navbar-collapse offcanvas-collapse" id="navbarsExampleDefault">**

**<ul class="navbar-nav me-auto mb-2 mb-lg-0">**

**<li class="nav-item">**

**<a class="nav-link active" aria-current="page" href="https://www.marinebio.org/">Home Page</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link active" aria-current="page" routerLink="/pagenotfound" routerLinkActive="active">Photo Galleries</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link" href="https://www.marinebio.org/oceans/history/">History of the Ocean</a>**

**</li>**

**<li class="nav-item">**

**<a class="nav-link" href="https://www.marinebio.org/conservation/ocean-dumping/">Ocean Pollution</a>**

**</li>**

**<li ngbDropdown class="nav-item dropdown ">**

**<a ngbDropdownToggle class="nav-link dropdown-toggle" href="#" id="dropdown01" data-bs-toggle="dropdown" aria-expanded="false">Species/Search</a>**

**<ul ngbDropdownMenu class="dropdown-menu " aria-labelledby="dropdown01">**

**<li><a class="dropdown-item " href="https://www.marinebio.org/search/?pg=1&ob=title">Birds</a></li>**

**<li><a class="dropdown-item" routerLink="/fishes" routerLinkActive="active">Fishes</a></li>**

**<li><a class="dropdown-item" href="https://www.marinebio.org/search/?pg=1&ob=title">Reptiles</a></li>**

**<li><a class="dropdown-item" href="https://www.marinebio.org/search/?pg=1&ob=title">Sea Lions</a></li>**

**<li><a class="dropdown-item" href="https://www.marinebio.org/search/?pg=1&ob=title">Seals</a></li>**

**<li><a class="dropdown-item" routerLink="/sharks" routerLinkActive="active">Sharks</a></li>**

**<li><a class="dropdown-item" routerLink="/dolphine" routerLinkActive="active">Dolphins</a></li>**

**</ul>**

**</li>**

**</ul>**

**</div>**

**</div>**

**</nav>**

**File 40 main-navbar.component.css**

**No data required for the output**

**File 41 main-navbar.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { MainNavbarComponent } from './main-navbar.component';**

**describe('MainNavbarComponent', () => {**

**let component: MainNavbarComponent;**

**let fixture: ComponentFixture<MainNavbarComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ MainNavbarComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(MainNavbarComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 42 main-navbar.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'main-navbar',**

**templateUrl: './main-navbar.component.html',**

**styleUrls: ['./main-navbar.component.css']**

**})**

**export class MainNavbarComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 43 nav-drop.component.html**

**<div class="navBAR">**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Seabird"> SEA BIRDS </a>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Caspian\_tern">CASPIAN TERN</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Heermann%27s\_gull">HEERMANN'S GULL</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Great\_blue\_heron">GREAT BLUE HERON</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Great\_white\_pelican">GREAT WHITE PELICAN</a></li>**

**</ul>**

**</ul>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Fishes"> SEA FISHES </a>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Salmon">SALMON</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Cod">COD</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Herring">HERRING</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Rainbow\_trout">RAINBOW TROUT</a></li>**

**</ul>**

**</ul>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Reptile"> SEA REPTILES </a>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Sea\_turtle">SEA TURTLES</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Crocodile">CROCODILES</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Dinosaur">DINOSAURS</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Snake">SNAKES</a></li>**

**</ul>**

**</ul>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Sea\_lion"> SEA LIONS </a>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Sea\_lion">PACIFIC POINT PRESERVE</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Sea\_lion">SEA COVE LION</a></li>**

**</ul>**

**</ul>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Shark"> SEA SHARKS </a>**

**<ul>**

**<li><a href="https://en.wikipedia.org/wiki/Hammerhead\_shark">GREAT WHITE SHARK</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Whale\_shark">WHALE SHARK</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Hammerhead\_shark">HAMMERHEAD SHARK</a></li>**

**<li><a href="https://en.wikipedia.org/wiki/Tiger\_shark">TIGER SHARK</a></li>**

**</ul>**

**</ul>**

**</div>**

**File 44 nav-drop.component.css**

**@charset "utf-8";**

**body{background-color:#FCFFFE;}**

**.navBAR{**

**margin:0 auto;**

**width:1080px;**

**}**

**.navBAR ul{**

**padding:0px;**

**}**

**.navBAR ul li{**

**float:left;**

**margin: 1px;**

**position:relative; /\*--\*/**

**border: solid 1px red;**

**border-radius: 5px;**

**list-style-type:none;**

**background-color:red;;**

**}**

**.navBAR ul li a{**

**text-decoration:none;**

**color:white;**

**padding:5px;**

**font-weight:bolder;**

**display: block;**

**width:200px;**

**text-align:center;**

**}**

**.navBAR ul li ul {**

**position:absolute; /\*Trick here go down all li vertical..\*/**

**visibility:hidden;**

**}**

**.navBAR ul li:hover ul{**

**visibility: visible;/\*the magic happen here\*/**

**}**

**.navBAR ul li:hover{**

**background-color:lightblue;; /\*change bg when hove over each liste item.\*/**

**}**

**.navBAR ul li ul li a:hover{**

**background-color:aqua;**

**}**

**.navBAR ul li a:hover{**

**color:blue;}**

**File 45 nav-drop.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { NavDropComponent } from './nav-drop.component';**

**describe('NavDropComponent', () => {**

**let component: NavDropComponent;**

**let fixture: ComponentFixture<NavDropComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ NavDropComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(NavDropComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 46 nav-drop.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'nav-drop',**

**templateUrl: './nav-drop.component.html',**

**styleUrls: ['./nav-drop.component.css']**

**})**

**export class NavDropComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 47 pagenotfound.component.html**

**<div class="row">**

**<div class="col-md-12">**

**<div class="error-template">**

**<h1>**

**Oops!</h1>**

**<h2>**

**404 Not Found</h2>**

**<div class="error-details">**

**Sorry, an error has occured, Requested page not found!**

**</div>**

**<div class="error-actions">**

**<a routerLink="" class="btn btn-primary btn-lg"><span class="glyphicon glyphicon-home"></span>**

**Take Me Home </a>**

**</div>**

**</div>**

**</div>**

**</div>**

**File 48 pagenotfound.component.css**

**No data required for the output**

**File 49 pagenotfound.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { PagenotfoundComponent } from './pagenotfound.component';**

**describe('PagenotfoundComponent', () => {**

**let component: PagenotfoundComponent;**

**let fixture: ComponentFixture<PagenotfoundComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ PagenotfoundComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(PagenotfoundComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 50 pagenotfound.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'app-pagenotfound',**

**templateUrl: './pagenotfound.component.html',**

**styleUrls: ['./pagenotfound.component.css']**

**})**

**export class PagenotfoundComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 51 reuse.component.html**

**<h2 style="text-align:center;" >Location where most sea animals live</h2>**

**<div \*ngFor="let data of user">**

**<app-user [hero]="data"> </app-user>**

**</div>**

**File 52 reuse.component.css**

**No data required for the output**

**File 53 reuse.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { ReuseComponent } from './reuse.component';**

**describe('ReuseComponent', () => {**

**let component: ReuseComponent;**

**let fixture: ComponentFixture<ReuseComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ ReuseComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(ReuseComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 54 reuse.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'app-reuse',**

**templateUrl: './reuse.component.html',**

**styleUrls: ['./reuse.component.css']**

**})**

**export class ReuseComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**user=[**

**{name:'Fishes',types:39,location:'Maldina tri point'},**

**{name:'Dolphins',types:22,location:'Aldives'},**

**{name:'Sharks',types:30,location:'Australia'}**

**]**

**}**

**File 55 routing.component.html**

**<div style="text-align: center;">**

**<h1>Short Note on Selective Animals**

**</h1>**

**</div>**

**<div style="text-align: center;">**

**<nav>**

**<a routerLink="/fishes" routerLinkActive="active">Fishes</a>**

**<a routerLink="/sharks" routerLinkActive="active">Sharks</a>**

**<a routerLink="/dolphine" routerLinkActive="active">Dolphins</a>**

**</nav>**

**</div>**

**File 56 routing.component.cs**

**h1 {**

**color: #369;**

**font-family: Arial, Helvetica, sans-serif;**

**font-size: 250%;**

**}**

**h2, h3 {**

**color: #444;**

**font-family: Arial, Helvetica, sans-serif;**

**font-weight: lighter;**

**}**

**body {**

**margin: 2em;**

**}**

**body, input[text], button {**

**color: #888;**

**font-family: Cambria, Georgia;**

**}**

**a {**

**cursor: pointer;**

**cursor: hand;**

**}**

**button {**

**font-family: Arial;**

**background-color: #eee;**

**border: none;**

**padding: 5px 10px;**

**border-radius: 4px;**

**cursor: pointer;**

**cursor: hand;**

**}**

**button:hover {**

**background-color: #cfd8dc;**

**}**

**button:disabled {**

**background-color: #eee;**

**color: #aaa;**

**cursor: auto;**

**}**

**/\* Navigation link styles \*/**

**nav a {**

**padding: 5px 10px;**

**text-decoration: none;**

**margin-top: 10px;**

**display: inline-block;**

**background-color: #eee;**

**border-radius: 4px;**

**}**

**nav a:visited, a:link {**

**color: #607D8B;**

**}**

**nav a:hover {**

**color: #039be5;**

**background-color: #CFD8DC;**

**}**

**nav a.active {**

**color: #039be5;**

**}**

**/\* items class \*/**

**.items {**

**margin: 0 0 2em 0;**

**list-style-type: none;**

**padding-left: 0;**

**width: 10em;**

**}**

**.items li {**

**cursor: pointer;**

**position: relative;**

**left: 0;**

**background-color: #EEE;**

**margin: .5em;**

**padding: .3em;**

**height: 1.6em;**

**border-radius: 4px;**

**}**

**.items li:hover {**

**color: #607D8B;**

**background-color: #DDD;**

**left: .1em;**

**}**

**.items li.selected:hover {**

**background-color: #BBD8DC;**

**color: white;**

**}**

**.items .text {**

**position: relative;**

**top: -3px;**

**}**

**.items li {**

**cursor: pointer;**

**position: relative;**

**left: 0;**

**background-color: #EEE;**

**margin: .5em;**

**padding: .3em;**

**height: 1.6em;**

**border-radius: 4px;**

**}**

**.items .badge {**

**display: inline-block;**

**font-size: small;**

**color: white;**

**padding: 0.8em 0.7em 0 0.7em;**

**background-color: #607D8B;**

**line-height: 1em;**

**position: relative;**

**left: -1px;**

**top: -4px;**

**height: 1.8em;**

**margin-right: .8em;**

**border-radius: 4px 0 0 4px;**

**}**

**.items li.selected {**

**background-color: #CFD8DC;**

**color: white;**

**}**

**/\* everywhere else \*/**

**\* {**

**font-family: Arial, Helvetica, sans-serif;**

**}**

**File 57 routing.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { RoutingComponent } from './routing.component';**

**describe('RoutingComponent', () => {**

**let component: RoutingComponent;**

**let fixture: ComponentFixture<RoutingComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ RoutingComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(RoutingComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 58 routing.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'routing',**

**templateUrl: './routing.component.html',**

**styleUrls: ['./routing.component.css']**

**})**

**export class RoutingComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 59 sharks.component.html**

**<h2 style="text-align:center;" ><span style="color: violet">SHARKS</span></h2>**

**<div style="text-align: center;">**

**<img src="https://ychef.files.bbci.co.uk/624x351/p02knfvp.jpg" alt="https://en.wikipedia.org/wiki/Sea\_lion" style="width:250px">**

**</div>**

**<p style="text-align:center">Sharks are a group of elasmobranch fish characterized by a cartilaginous**

**skeleton, five to seven gill slits on the sides of the head, and pectoral fins that are not fused to**

**the head. Modern sharks are classified within the clade Selachimorpha (or Selachii) and are the sister**

**group to the rays. However, the term "shark" has also been used for extinct members of the subclass**

**Elasmobranchii outside the Selachimorpha, such as Cladoselache and Xenacanthus, as well as other**

**Chondrichthyes such as the holocephalid eugenedontidans.</p>**

**File 60 sharks.component.css**

**img {**

**border-radius: 60%;**

**}**

**File 61 sharks.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { SharksComponent } from './sharks.component';**

**describe('SharksComponent', () => {**

**let component: SharksComponent;**

**let fixture: ComponentFixture<SharksComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ SharksComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(SharksComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 62 sharks.component.ts**

**import { Component, OnInit } from '@angular/core';**

**@Component({**

**selector: 'app-sharks',**

**templateUrl: './sharks.component.html',**

**styleUrls: ['./sharks.component.css']**

**})**

**export class SharksComponent implements OnInit {**

**constructor() { }**

**ngOnInit(): void {**

**}**

**}**

**File 63 user.component.html**

**<p>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</p>**

**<div class='container' class='box'>**

**<p> Name of the Animal : {{hero.name}}</p>**

**<p> Types : {{hero.types}}</p>**

**<p> Most species situated: {{hero.location}}</p>**

**</div>**

**File 64 user.component.css**

**.box{**

**background-color: blueviolet;**

**padding: 5px;**

**color:chartreuse;**

**margin-bottom: 20px;**

**}**

**File 65 user.component.spec.ts**

**import { ComponentFixture, TestBed } from '@angular/core/testing';**

**import { userComponent } from './user.component';**

**describe('userComponent', () => {**

**let component: userComponent;**

**let fixture: ComponentFixture<userComponent>;**

**beforeEach(async () => {**

**await TestBed.configureTestingModule({**

**declarations: [ userComponent ]**

**})**

**.compileComponents();**

**});**

**beforeEach(() => {**

**fixture = TestBed.createComponent(userComponent);**

**component = fixture.componentInstance;**

**fixture.detectChanges();**

**});**

**it('should create', () => {**

**expect(component).toBeTruthy();**

**});**

**});**

**File 66 user.component.ts**

**import { Component, OnInit,Input } from '@angular/core';**

**@Component({**

**selector: 'app-user',**

**templateUrl: './user.component.html',**

**styleUrls: ['./user.component.css']**

**})**

**export class UserComponent implements OnInit {**

**@Input() hero: any;**

**constructor() { }**

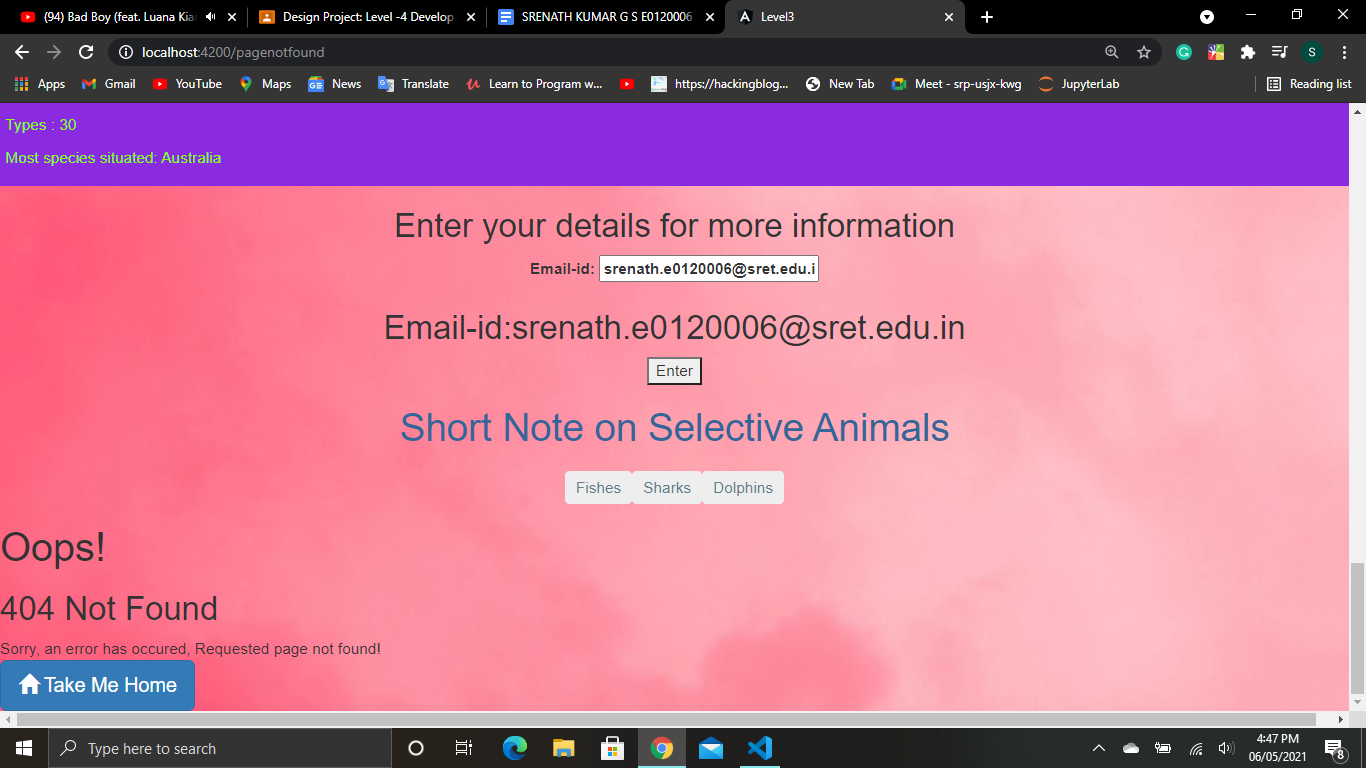
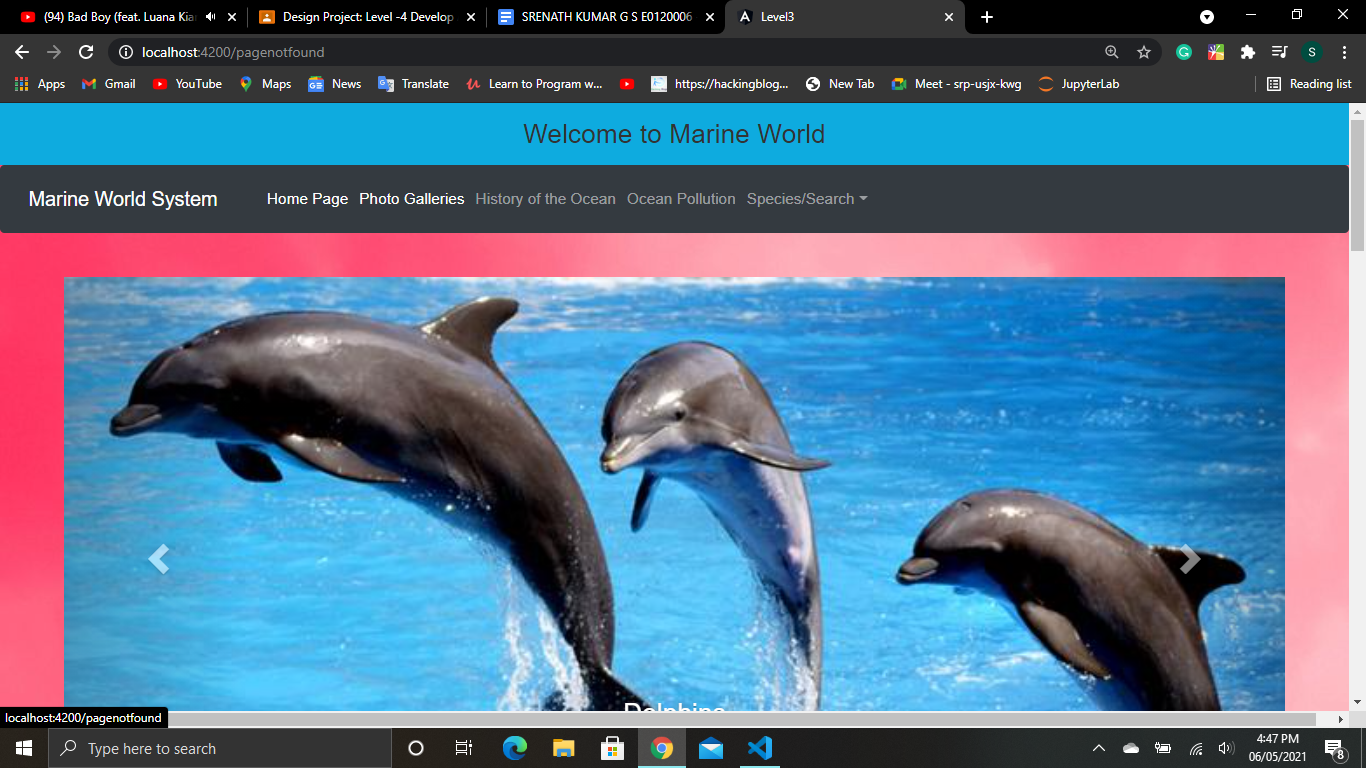
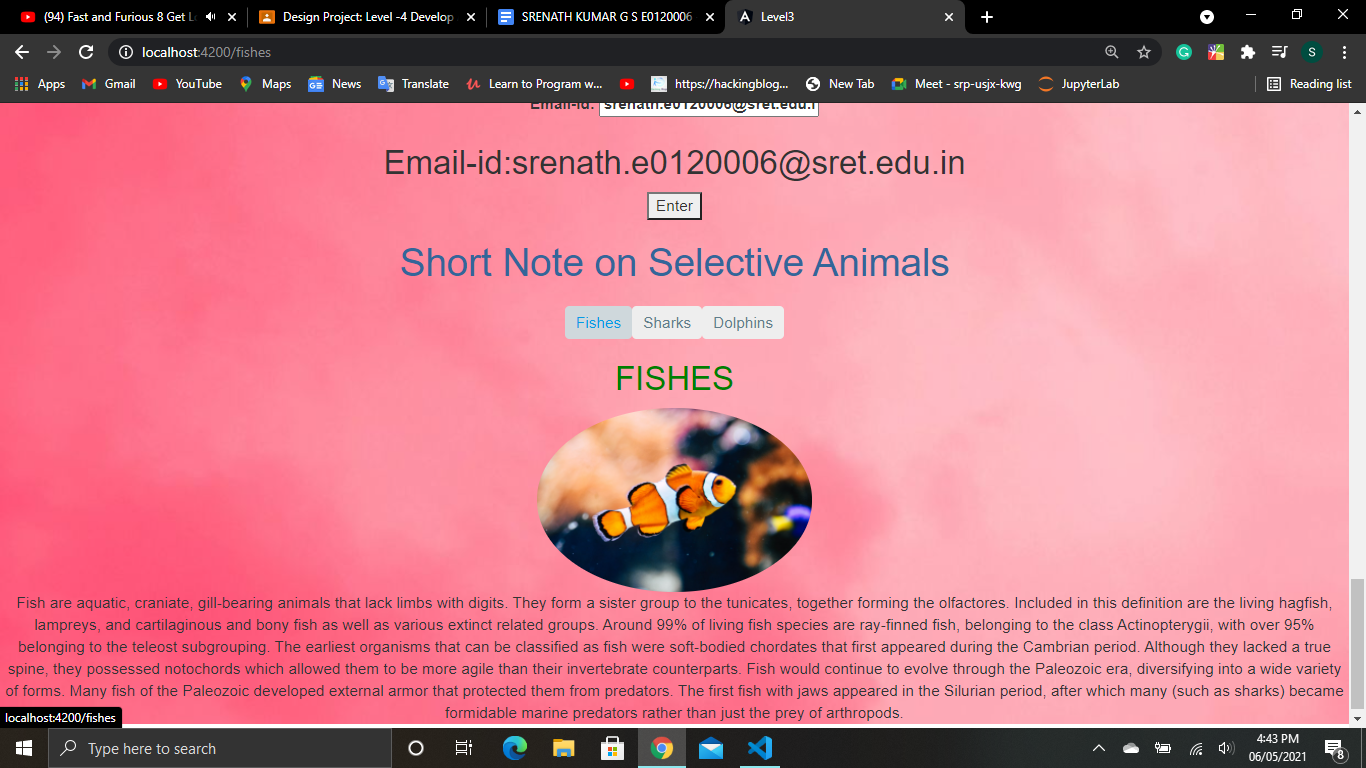
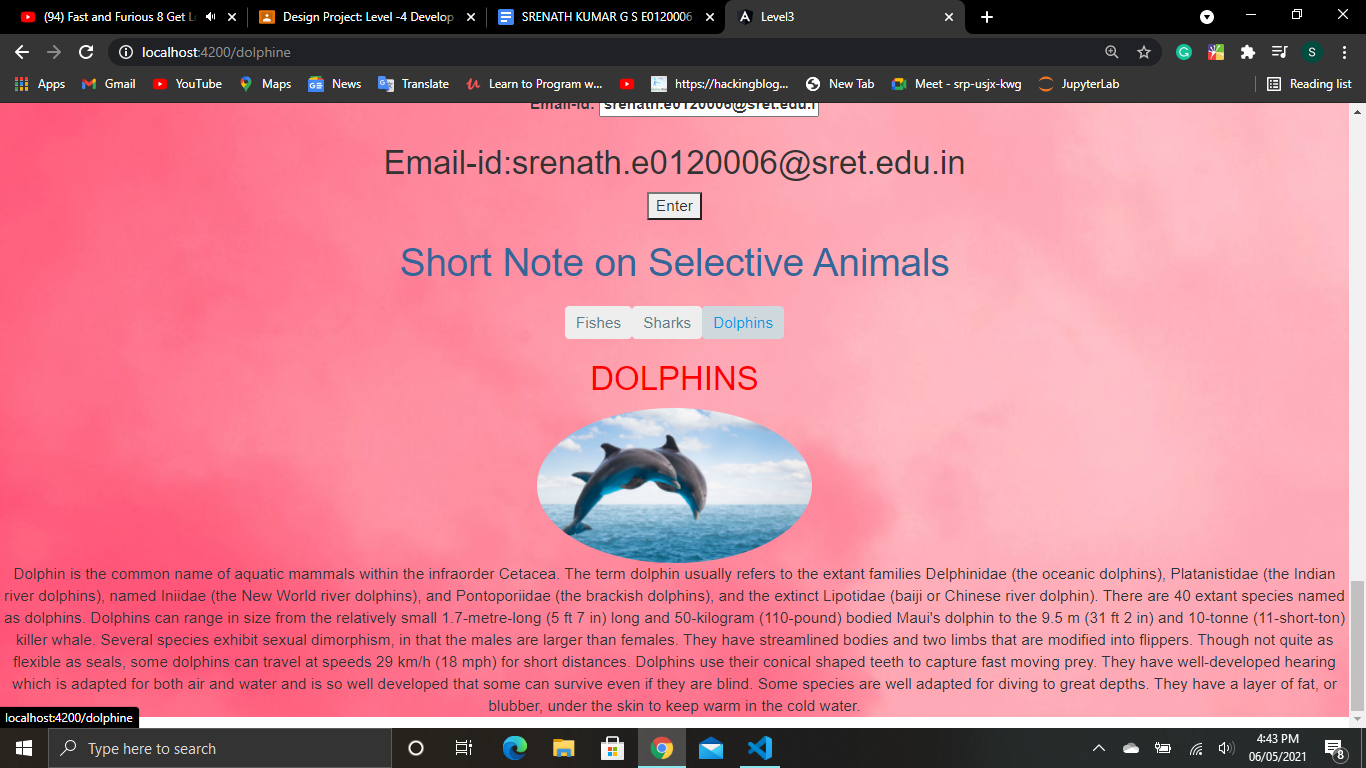
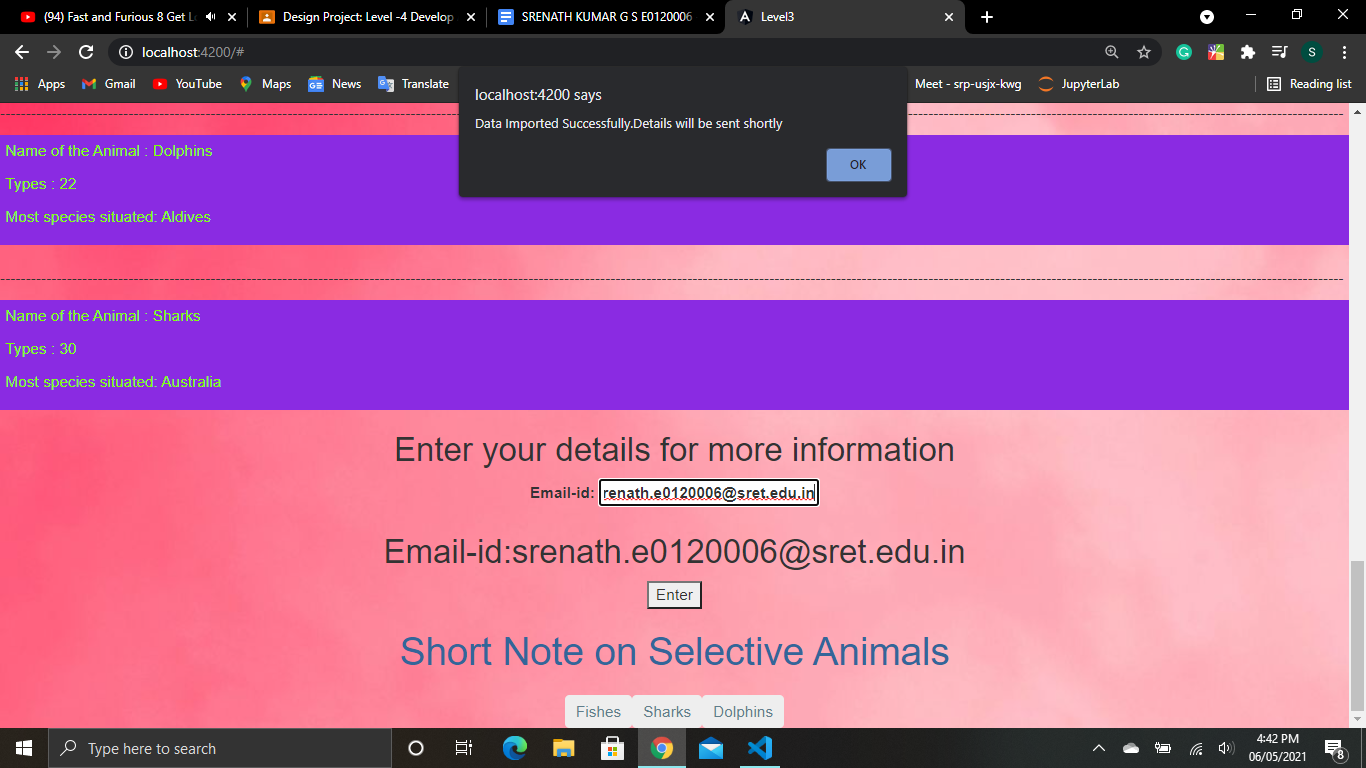
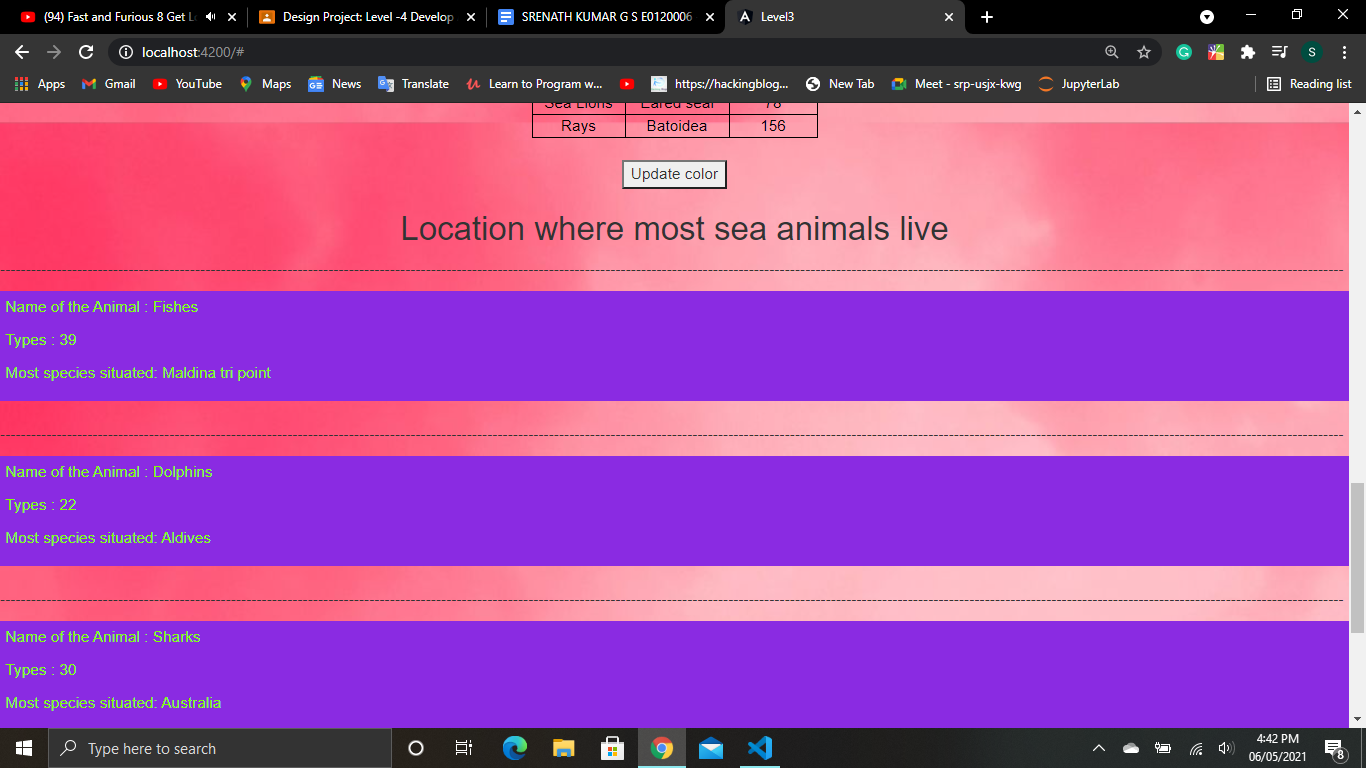
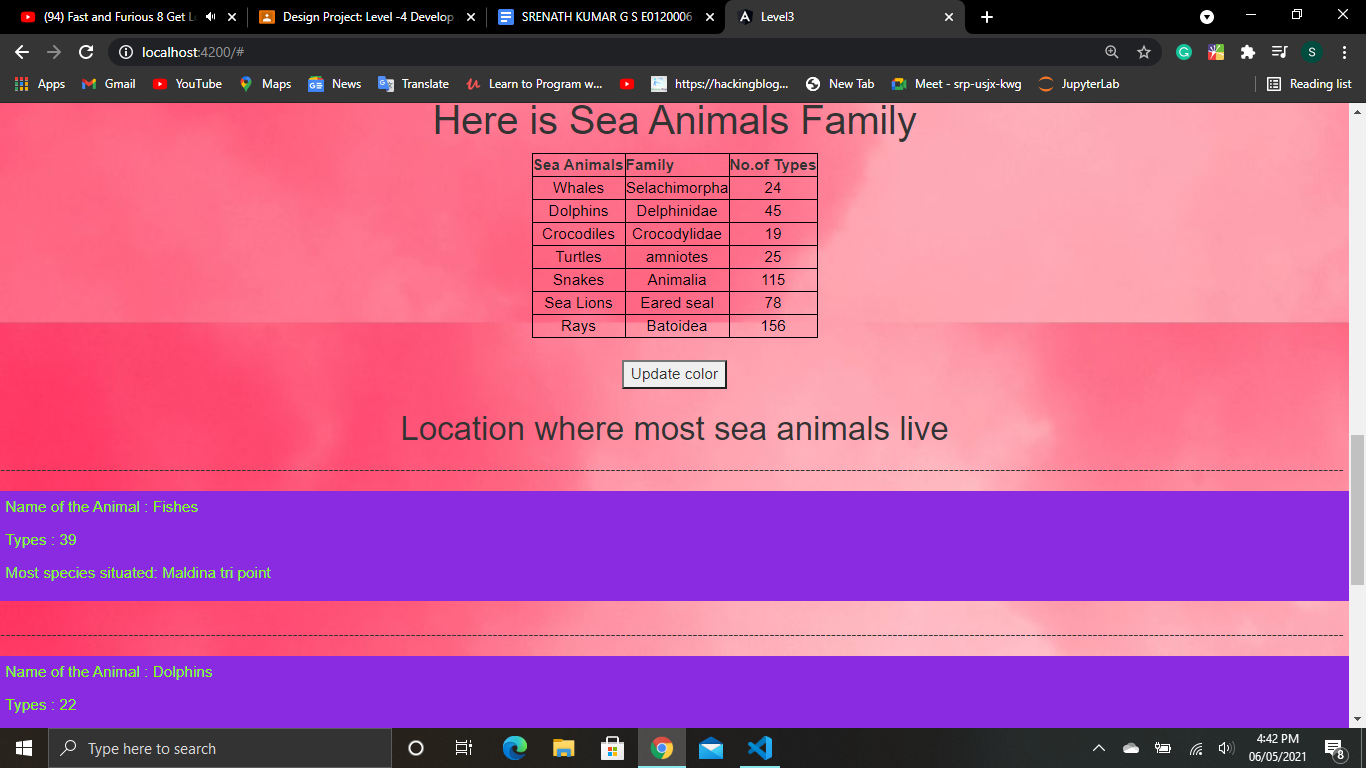
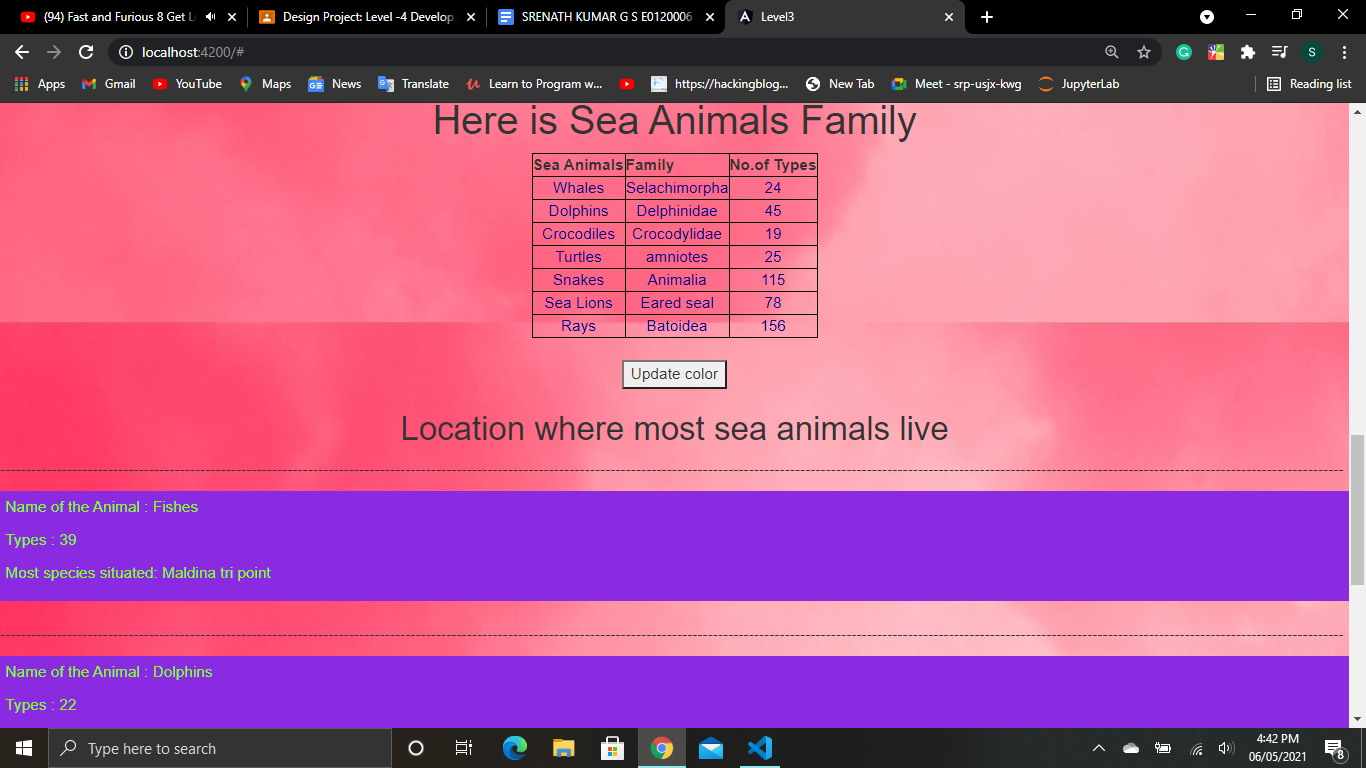
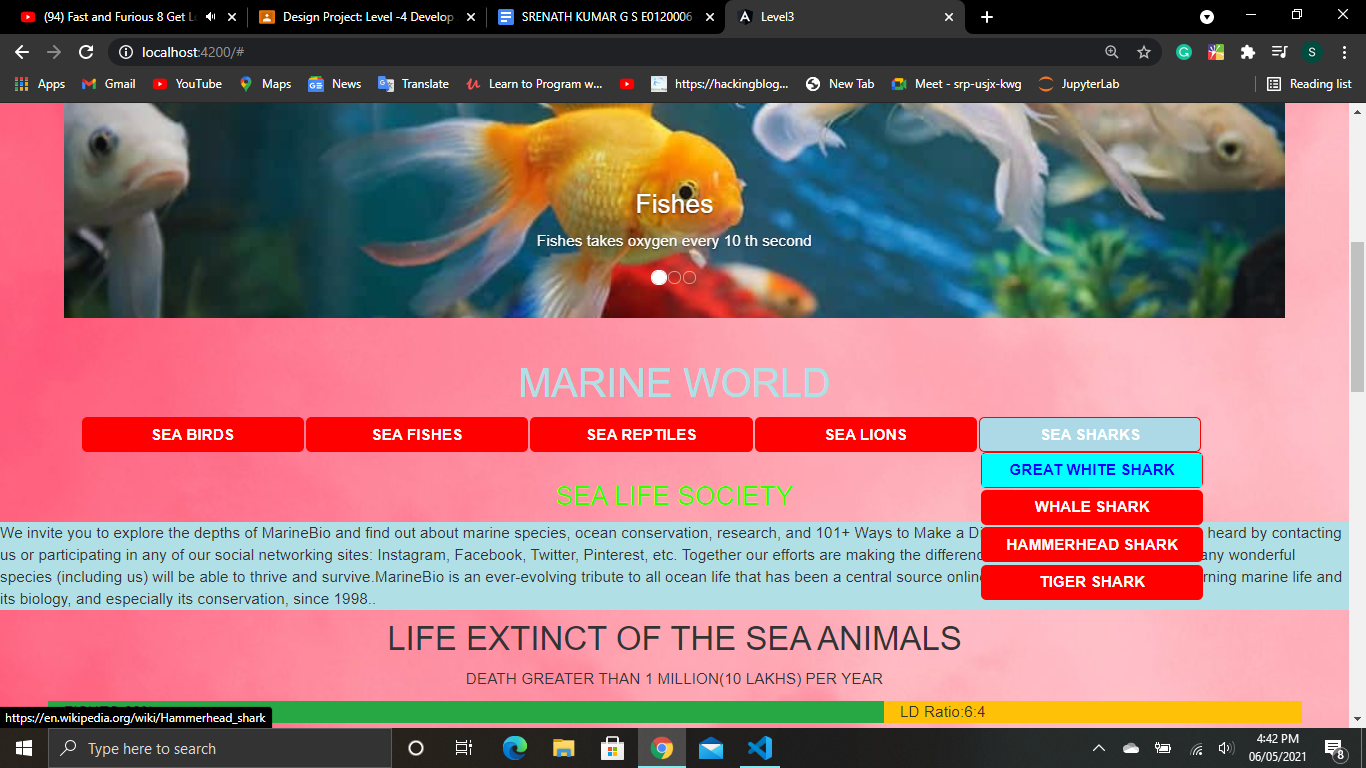
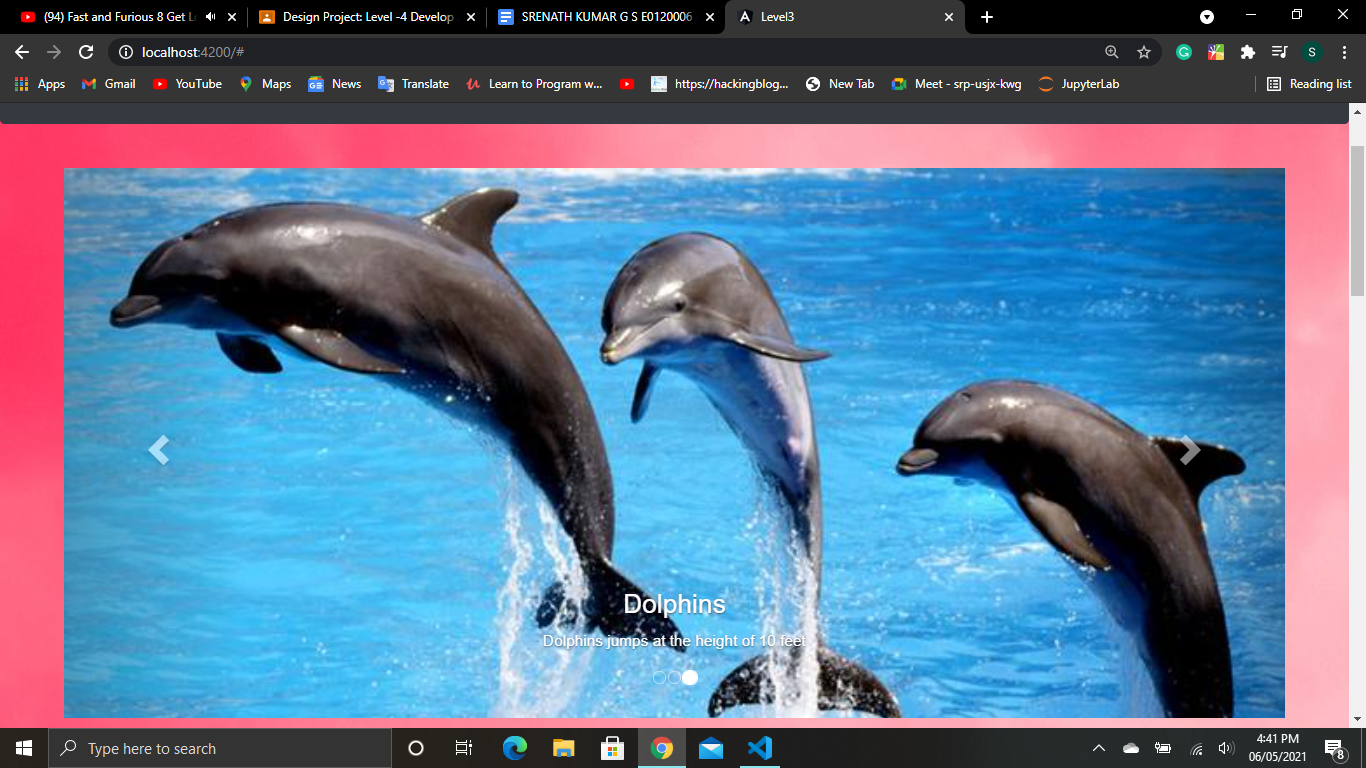
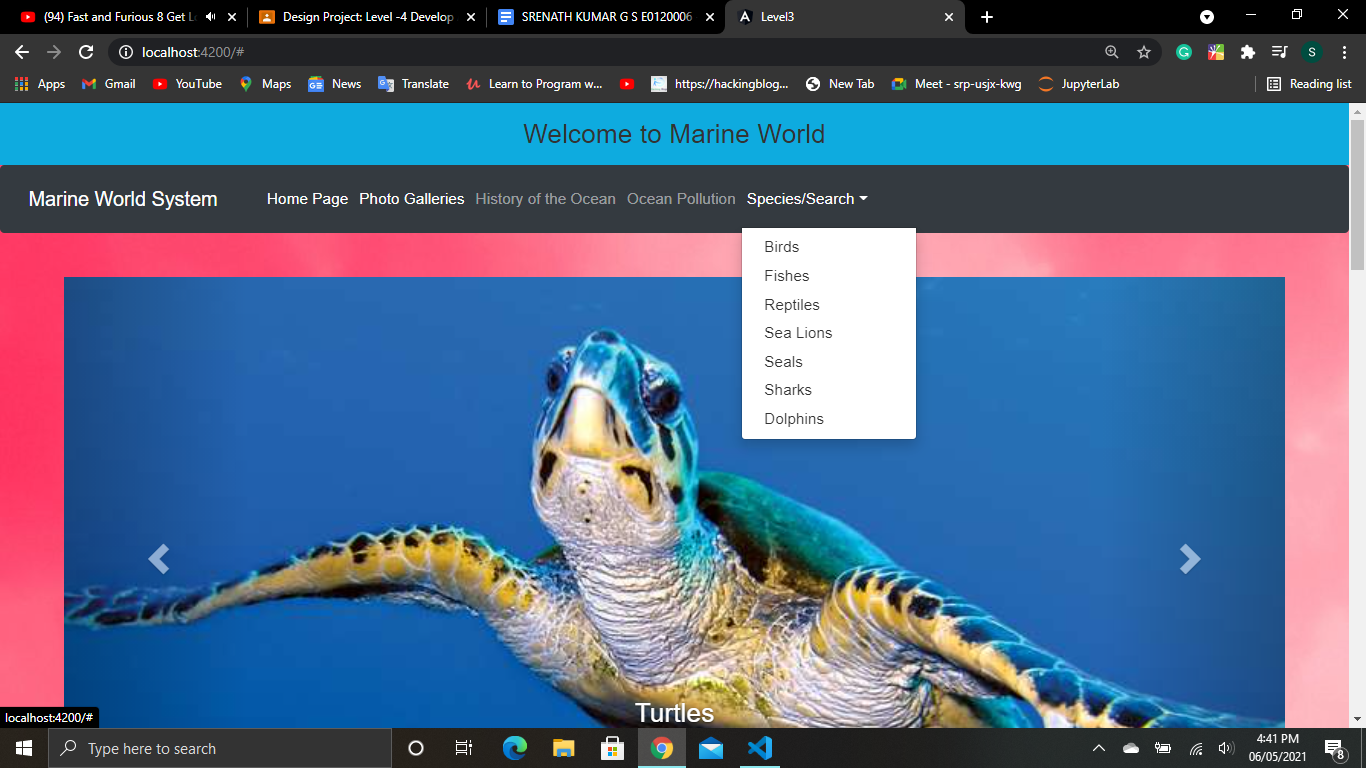
**ngOnInit(): void {**

**console.warn(this.hero);**

**}**

**}**

**Screen shots:**

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