SCRIPTING LANGUAGE LAB – 7

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TODO APP USING ANGULAR

APP.COMPONENT.CSS:

```css
.bt{ background-color:
#1c87c9;
    -webkit-border-radius: 60px;
  border-radius: 60px; border:
  none; color: #eeeeee; cursor:
  pointer; display: inline-block;
 font-family: sans-serif;
  font-size: 20px;
  padding: 10px 10px; text-align:
  center;
  text-decoration: none;
}
@keyframes glowing {
0% { background-color:
#2ba805; box-shadow: 0 0 5px #2ba805;
} 50% { background-color: #a805a8; box-shadow: 0 0 20px #8705a8;
} 100% { background-color: #2ba805; box-shadow: 0 0 5px #2ba805;
}
} .bt{
animation: glowing 1300ms infinite;
}
```

APP-Routing.module.ts:

```typescript
import { NgModule } from '@angular/core';

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

const routes: Routes = [];

@NgModule({                          imports:
  [RouterModule.forRoot(routes)], exports:
  [RouterModule]
}) export class AppRoutingModule
{ }
```

APP.COMPONENT.html:

```html
<div style="background-color: blueviolet; height: 50px;"><h1 style="margin-left:
650px;">TO-DO LIST</h1></div>
   <div style="background-color: blue; width:300px; border:solid 10px olivedrab; margin-
left:580px;margin-top:300px;margin-bottom:300px;">
   <h3>            &nb
sp;           {{title}}</h 3>

<input type="text" placeholder="Enter New Task" #task style="margin-left:
60px;"/><br> <br>

<button class="bt" (click)="addTask(task.value)" style="margin-left: 100px; margin-
bottom:50px;">SUBMIT</button>
<br>
<ul *ngFor="let item of list">
           <div style="background-color: chartreuse;"><li>{{item.name}}<button class="bt"
(click)="removeTask(item.id)" >Remove</button></li></div><br>
</ul></div>
   <div style="background-color: blueviolet; height: 50px;"><h4 style="margin-left:
650px;">WRITE DOWN YOUR TIME TABLE</h4></div>
```

APP.COMPONENT.ts:

```typescript
import { Component } from '@angular/core';
@Component({ selector: 'app-root',
 templateUrl: './app.component.html',
 styleUrls: ['./app.component.css']
}) export class AppComponent { title = 'App-ToDo';
 list:any[]=[];
 addTask(item:string){ this.list.push({id:this.list.length,name:item});
console.warn(this.list);
  }
  removeTask (id:number)

{ console.warn(id)

this.list=this.list.filter(item=>item.id!==id)
}
}
```

APP.COMPONENT.SPECS.ts:

```typescript
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 'App-ToDo'`, () => { const
    fixture = TestBed.createComponent(AppComponent);
    const app = fixture.componentInstance;
    expect(app.title).toEqual('App-ToDo');
  });

  it('should render title', () => { const fixture =
    TestBed.createComponent(AppComponent);
    fixture.detectChanges(); const compiled =
    fixture.nativeElement as HTMLElement;
    expect(compiled.querySelector('.content span')?.textContent).toContain('App-
ToDo app is running!');
  });
});
```

APP.MODULE.ts:

```typescript
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
@NgModule({ declarations: [ AppComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule
  ], providers:
  [],
  bootstrap: [AppComponent]
}) export class AppModule
 { }
```

APP :

LINK TO GITHUB: https://github.com/VAMSIKRISHNA0909