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IoT A

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Web Tech Lab 4

Simple Angular UI

App.component.html

```
<app-image-gallery>  
</app-image-gallery>
```

App.module.ts

```
import { NgModule } from '@angular/core';  
import { BrowserModule } from '@angular/platform-browser';  
import { AppComponent } from './app.component';  
import { ImageGalleryComponent } from './image-gallery/image-gallery.component'; // Import your component  
  
@NgModule({  
  declarations: [  
    AppComponent,  
    ImageGalleryComponent // Declare your component here  
  ],  
  imports: [  
    BrowserModule  
  ],  
  providers: [],  
  bootstrap: [AppComponent]  
})  
export class AppModule { }
```

## image-gallery.component.html

```
<div class="gallery">
  <div class="image-container" *ngFor="let image of images">
    <img [src]='assets/images/'+image.url" alt="{{ image.alt }}"
    class="image">
    <p>{{ image.description }}</p>
  </div>
</div>
```

## Image-gallery.component.ts

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

@Component({
  selector: 'app-image-gallery',
  templateUrl: './image-gallery.component.html',
  styleUrls: ['./image-gallery.component.css']
})
export class ImageGalleryComponent {
  images = [
    {
      url: 'image1.png',
      alt: 'Image 1',
      description: 'It is 1st image'
    },
    {
      url: 'image2.png',
      alt: 'Image 2',
      description: 'It is 2nd image'
    },
    {
      url: 'image3.png',
      alt: 'Image 3',
    }
  ]
}
```

```

      description: 'It is 3rd image'
    },
    {
      url: 'image4.png',
      alt: 'Image 4',
      description: 'It is 4th image'
    }
  ];
}

```

## Image-gallery.component.css

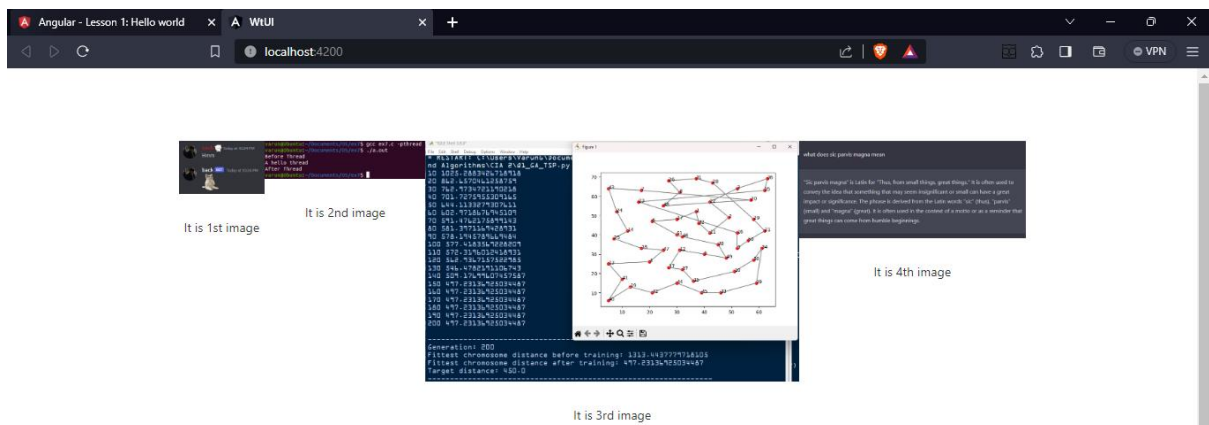
```

.gallery {
  display: flex;
  justify-content: space-between;
}

.image-container {
  text-align: center;
}

.image {
  max-width: 100%;
  height: auto;
  margin-bottom: 10px;
}

```



```
PS C:\Users\varun\Angular\wtUI> ng serve
✓ Browser application bundle generation complete.

Initial Chunk Files | Names | Raw Size |
vendor.js           | vendor | 2.03 MB |
polyfills.js        | polyfills | 333.17 kB |
styles.css, styles.js | styles | 230.44 kB |
main.js             | main | 26.97 kB |
runtime.js          | runtime | 6.51 kB |
                    | Initial Total | 2.61 MB |

Build at: 2023-08-17T17:31:49.785Z - Hash: 2f6b5c905fdef4a9 - Time: 3653ms

** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

✓ Compiled successfully.
```