**ANGULAR 2 Meterial**

Dependency Injection:

Components use *services* for implementing business logic. Services are just classes that Angular instantiates and then injects into components.

export class ProductService {

products: Product[] = [];

getProducts(): Array<Product> {

// The code to retrieve product into goes here

return products;

}

}

Now if you specify an argument of type ProductService in the HomeComponent constructor, Angular will automatically instantiate and inject that service into the component:

@Component{

...

}

export default class HomeComponent {

products: Product[] = [];

constructor(productService: ProductService) {

this.products = productService.getProducts();

}

}

Angular’s dependency injection module is flexible, and it is easy to use because the objects can be injected only via constructors. Injectors form a hierarchy (each component has an injector), and the injectable object doesn’t have to be an application-level singleton as it might by default in Spring.