

Assignment 7.

[43212]

Aim :- To create an application for the bill payment using angular JS.

Theory :- • Introduction to AngularJS

- Angular JS is a client-side Javascript MVC framework to develop a dynamic web app.
- It was originally started as project in google but now it is an opensource framework.
- It is entirely based on HTML & JS.
- It extends the ability of HTML by adding built in attributes.

• Advantage of AngularJS

1. It provides the capability to create single page application in very clean and maintainable way.
2. It provides data binding capability to HTML. Thus, it gives user a rich and responsive experience.
3. AngularJS code is unit testable.
4. AngularJS uses dependency injection and make use of separation of concerns.
5. Angular JS provides reusable components.
6. With angular JS, the developers can achieve more functionality with short code.
7. In AngularJS

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Q What is angularJS?

1) AngularJS is an open source web application framework, it was originally developed in 2009 by Misko Hevery and Adam Abrons. It is now maintained by Google. Its latest version is 1.2.21.4

2) AngularJS is a structural framework for dynamic web applications. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application components clearly and concisely. Its data binding and dependency injection eliminate much of the code you currently have to write. And it all happens within the browser. Making it an ideal partner with any server technology.

General features:-

- 1) efficient
- 2) MVC model
- 3) cross-browser compliant
- 4) open-source

Q GET and POST requests

The \$http service is a core AngularJS service that facilitates communication with the remote http server via the browser.

- i) GET :- `$http.get('url', config)`
- ii) POST :- `$http.post('url', data, config)`

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Conclusion:-

By this way, I have used AngularJS to implement bill payment application in my work.