**Agenda:**

1. What is react?
2. Make static website
3. Deploying website

**Details**

1. React is a javascript library.

* Application: facebook
* Characterstics:
* Components based model
* Reusability
* Single page application
* Auto refresh
* React is a Front end

1. Library and frame work differnece

|  |  |
| --- | --- |
| **Library** | **Frame Work** |
| Flexibility | provide rule and ragulation(like angular) |
| Resuseability | Including several libraries |
| Small size | Large size |
| Your House | other’s house |

1. Every application has 3 layers(front-end, back-end, data-layer)

* Front-end: which the user see on screen
* Back-end: business logic(receiver and transfer of data)
* Data-layer: data handling and saving

1. React vs React native

* React: use for web application
* React native: use for mobile application

1. What is npm?

It is a server of node js, use for installing different packages.

1. Install react app command:
2. npm install -g create-react-app
3. create-react-app projectname
4. to run react app command: npm start
5. localhost: it’s a any local server
6. node\_modules: a folder having all packages
7. src: having all working files
8. surge ./build
9. webdevbootcamp2020class02.surge.sh
10. surge\_token: 51d4cf6cb87ba5be86a1fed8aa2491fc
11. creating git action
12. .gitignore: this file will allow the other files to push on github.