**REACT**

* Java script library
* Group of reusable components
* Speed due to virtual DOM (changes only changed component). That is nav and header footer mostly does not change only content

**Command line commands:**

1. Pwd->full path name
2. Ls->list of directories
3. Mkdir->new directory
4. Cd->move into folder
5. cd..->backwards move outside folder
6. clear-> clear console
7. npm init->create package.json(manifest file), list dependencies
8. npm install <package name> --save -> install package locally and add to package.json. –save to add to package.json in npm version <5.0
9. npm install <package name> -g -> install globally
10. npm install <package name> --save-dev=> only for development
11. npm create-react-app <app name> =>to create react app with folder structure
12. npm start=> run react app. Start development server
13. npm run build -> bundles app into static files

**Babel => website which converts to new js**

**Folder structure:**

Node modules=> all packages installed and dependencies

Public=> index.html, css, logo

Index.html=> the root element <div id=”root”></div> is present

Build=>after npm run build .used for deployment

Src=> App.js(root component) and all component , css and index.js

.gitignore=> folder and files to not be added to git

Remove all needless files………logo…..

**RULES:**

1. Attributes of tags in camelCase => onClick
2. All components first letter capital => App
3. All tags enclosed inside single element and only one element to be returned
4. className instead of class