https://www.youtube.com/watch?v=-mJFZp84TIY&list=PLu0W\_9lII9agx66oZnT6IyhcMIbUMNMdt

video 1

reactjs having router and good in demand

react js installation do

install nodejs tool

check on checkboxes of vs code while installing

node version check do

react dev tools in chrome install do

props

state it will tell

open with code to open react folder

disable unnecessary extensions in vs code

thunderclient extension install do

alternative of postman

api link you can call

es7 react/redux/graphql react-native snippets

all are given in details

bracket pair colorizer

it will colorize

auto rename tag extension

live server extension

static page to visualize then go live

prettier code formatter install do

win 10 used it

next videos mein

props and states tell

playlist use it

save it

create react app used to create react app

video 2

create react app

npx create-react-app

we can type

create react app basic folder structure

npm help in installing packages

npm i -g create-react-app

npx only install and give it back it is like borrow

react is library it is competitor of vue and angular

components could be reused

npx create-react-app my-app

npx create-react-app .

node js is telling some warnings tells

as a beginner ignore it

readme is also there

prop

in form input field i put if form is component and data in form is props

state

heading is harry

harry is state part heading could be changed and content could be changed.

one component state means the details in component

public/index.html

<div id="root"></div>

root div will be populated using javascript

code will be in src folder

app.js is a component

index.js is entry point

reactdom.render

npm start to run

npm run build for productions

to optimize

function and class based component in react

video 3

js refresher

you need those things for javascript

let is modern javascript es6

var and let

in let if declare 2 times then error cause

constant you can not change

filter and message also check in console

how to create a substring in javascript in google check

"use strict"

javascript put strict mode

like d=98

bug not come

in react strict mode is on

this gives window object

in arrow function this if defined window object will refer but in simple function it will not refer

javascript execute like asynchronous like settimeout block does not happen

like ticket cutting brother come, chain is not opening it is done by using callback settimeout is used to call callback

promises

i am about to do something promises either resolve or reject

notes are there in video by harry if not get time for video

notes download do

playlist for cheatsheet

javascript cheatsheets are there also

reactjs.org is having documentation

video 4

index.js

where id is root there put app component

code of reactapp shows

app.js

earlier class based componenet now function based componnet is used

jsx it is all html

in jsx you can use javascript inside it

we do not want to keep files different-2 places

in curly brackets you can put javascript

95%

classname instead of class becuase reserved in javascript

for reserved

camel case use by react

htmlFor need to use

jsx fragment use it

<>

</> use it

vanilla js is default javascript

only extra syntax in react

tabIndex like this

in react only 1 element need to return

in fragment you can put many things but use

setting -> emmet

include language

javascript to javascriptreact

div.blank use emmet

li.name could be set

appa.css can be done

css could be imported

nav bar creating

variable put and {name} in jsx could be used

<b>harry3</b>

react do sanitizing so above appear same

babel compiles jsx down to createlement

react will take care of things

if deadline in life then you can achieve many things

video 5

in spa in one request lot of html+css+js

will come

js bundle will get

javascript will take over javascript will do work on it

dynamically could be changed

non spa everytime request go

in spa bandwidth can save, data transfer, server load can be less

when users are more then billion trillion you

in node modules contains all the packages in it why deleting

we do not give node modules it is created again using npm i

so put in .gitignore

bootstrap css and js will copy from getbootstrap.com through cdn put in index.html

index.css you do not need

some tags not closing then need to end

class with classname replace it

bootstrap component could be used

in public do not use password

npm run build will be optimized it is not used for holding users

nginx server will be used

nginx / apache server is there for security purpose

video 6

props and states

git add .

git commit –m “complete video 5 ”

( to add code into git)

Props and state

Npm run start

In custom component you can send data easily

Es7 react having lot of trick like clg for console log

Extension in google check also shortcut is there

Hocredux also there

Comments having lot of things so do not try to remove it

Like module1.js and module2.js

Export default c;

Import ui from ‘./module2.js’

Then make mjs file in .js it does not work while importing

Run Node module1.mjs

Export default b ; also export default

{a,c,d} from module1.mjs

Curly braces when something is not exporting from a file

Components make folder

Capital make like Navbar.js

Import component from component

It will load component

This navbar could be used on this like want to change title=”textutils” if you are passing like this then it is props

In navbar function you will get props and receive it in navbar component {props.title}

Links could be passed . object could be passed

Props should not be changed in your function it should be read only it is recommended

Import proptypes then

Navbar.proptypes = {

Title:proptypes.string,

Abouttext:proptypes.string

}

You can change proptypes and like title={3} passed then number send later you can send object it is only check

Defaultprops send by default not send props sometime

Isrequired can be used for validation

If defult is there then isrequired will work

Most of the props you should insert isrequired

Default need to be set it is best practice

Video 7

Textform.js

Rfc write and get data

From bootstrap get data

Of form

Import textform and put into container

Prop put and insert heading

Convert to uppercase for react make

Console check everytime

Content in textarea it is state

Props you pass the value and render it

useState is a hook import it

react hooks introduced in function based component

const[text, setText] = useState(‘enter text here’);

this syntax use everytime

count and use state 0

in class based this.state

hooks are helpful to use the class feature

put into function component

array destructuring store

you can not update like text =

settext is the updation function

setText(“sfdf”);

text is state variable and

{text} to use data

Text area value ={text} we will set

Text = “new text”; wrong way to change the state

Onclick={handleupclick}

Arrow function make

Const handleupclick =() => {

Console log uppercase click

}

Const handledownclick =() => {

Console log uppercase click

}

Without loading page it is working

Settext put and change the things

Uppercase is clicked

Const handledownclick =(event) => {

Console log uppercase click

}

Event.target.value

Const handleonchange =(event) => {

Console log uppercase click

You will get value here and in this put the value in settext

}

Value={text} onchage={handleonchange} in text area put

Value text such that can change value

Let newtext = text.touppercase

Settext put value

Addeventlistener no need and innerhtml we have to do

Video 8