hello everybody in this video we will

cover how to set up the tools needed for

this course as well as explain the

reason for each tool in total we'll only

be using three tools during this course

our first tool will be a web browser

which will allow us to display the web

pages we build and this course I will be

using Google Chrome for all examples and

projects but any major web browser such

as Firefox or edge will work I would

however recommend using Chrome in order

to follow the course as exactly as

possible a download link for Chrome is

in the description below second we'll

need a text editor to write our HTML CSS

and JavaScript files in while most

courses say to use something like

notepad or text made I recommend using

Visual Studio code notepad and text made

a very basic text editors that offer no

extra functionality while Visual Studio

code is a text editor developed

specifically for web development

this means Visual Studio code is packed

with features specifically geared

towards web development as refer guests

in this course we'll explore many of the

great features Visual Studio code has to

offer but for now go to the link in the

description and download Visual Studio

code lastly we will need to install git

which is a version control system gate

lets us save changes to our code as

different versions which we can swap

between at any time with ease it also

makes it incredibly easy for multiple

people to work on the same project at

the same time by allowing us to merge

both people's changes easily it is not

necessary in order to learn the basics

of web development but it is used by

nearly every web development company on

top of git we will be using github

github is a website that lets you store

the different versions of your code

to do this we will need

to create a private and public SSH key

and give github the public key after

this is done each time you submit

information to github it'll check the

public key against your private key in

order to verify that it is you sending

the request instead of making you enter

a password first we need to check if you

have any SSH keys already generated to

do this enter in the following command

into the terminal if you do not see a

file name ending in dot pub or you

receive an error saying that the SSH

folder does not exist that you will need

to create an SSH key to create an SSH

key enter the following command making

sure you to use your github email this

github is by far the most popular

website to be used with git and is again

used by almost every web development

company setting up these technologies

can be a bit tricky at first but after

the initial setup everything runs

incredibly smoothly first you will need

a download to get from the link in the

description after that go to github

website and create an account next we

need to link our github account to get

to do this will utilize the terminal if

you are on Mac or Linux and if you're on

Windows you will need to use git bash

which comes with get with your terminal

window up and enter the following

commands make sure to use your github

username and email when entering these

commands if you're not comfortable with

the terminal and to the following

command into your terminal

this will make us so that when you

commit your changes to get it will open

Visual Studio for you to enter a message

instead of using the terminal right now

your get and github accounts are linked

and you can start submitting code to

github but there's a slight problem

every time you want to submit anything

to github it will force you to type in

your password this doesn't seem like

much of a problem but will become

incredibly annoying as you use get more

in order to get around this we'll be

setting up your github account with an

SSH key in order

command will prompt you multiple times

to enter information but the default

values are just fine for us so hit enter

until the key is generated next we will

need to copy the key in order to give it

to github by running this command if you

already had an SSH key then make sure to

use the file name of your dot pub file

in place of the ID RSA file also make

sure you enter the correct command

depending on which operating system you

are on now go to github and log in in

the top right corner click on your

profile icon and select settings from

the drop-down

after the settings page loads click SSH

and gbg keys and lastly click the add

SSH key button inside of the title box

enter any title that you want such as my

computer and then paste the key that we

copied earlier into the key box

congratulations you are now set up with

git and github in order to test your

setup enter this command into your

terminal you should be greeted with a

message that says that you have

successfully authenticated if you do not

receive this message the refer to github

x' official documentation on setting up

your SSH key it will be linked in the

description below this concludes all the

setup we will need for this project in

the next video we'll discuss the details

of how web

pages work