Deliverable 1

What is a static site generator?

A **static site generator** is a tool made to automate the creation of web pages. Using a template and data parameters a Static site generator can generate an HTML file for a specific purpose.

What is Jekyll

Jekyll is a static site generator that has risen in popularity for its integration with github.

What is github

Github is a for profit cloud service for hosting files using the open source distribution control program: git.

How to install Jekyll in Ubuntu

Jekyll is installed using simple commands

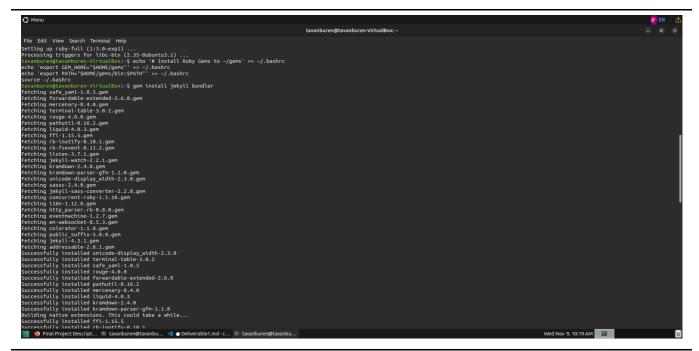| Command	Purpose
`sudo apt-get install ruby-full build-essential zlib1g-dev`	Download Ruby and all of the other prequesites
`echo '# Install Ruby Gems to ~/gems' >> ~/.bashrc echo 'export GEM_HOME="$HOME/gems"' >> ~/.bashrc echo 'export PATH="$HOME/gems/bin:$PATH"' >> ~/.bashrc source ~/.bashrc`	Installs ruby gems to your home account
`gem install jekyll bundler`	Installs jekyll

Building a jekyll website

Jekyll websites have a file directory set to the following structure.

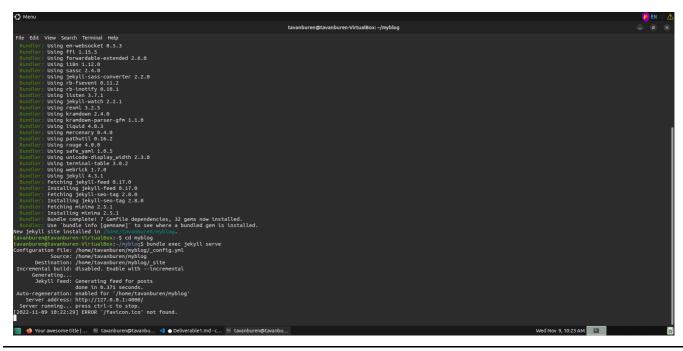| Directory/file	Purpose
_posts	Contains daily posts
_static	Contains the compiled website
about.markdown	The about page

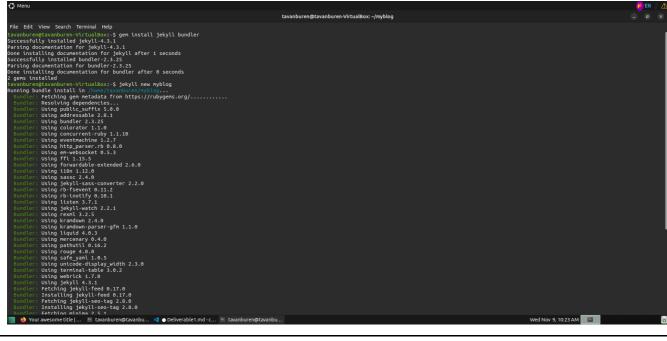| Directory/file	Purpose
index.markdown	The home page
404.html	Contains the 404 page
config.yml	Contains the sitewide

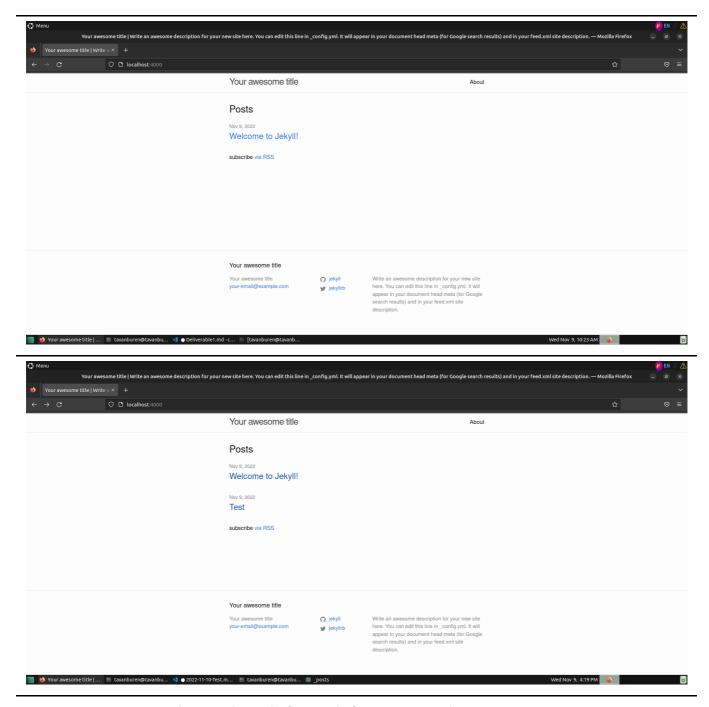Documenting the Process of building a site.

Installing the prereqs

Installing Jekyll and using a command to create a website

A basic website, before and after testing ,making a new post