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Hosting a website on nginx using jenkins pipeline

Code:

```
pipeline {
  agent any
  stages {
    stage('Installing Nginx') {
      steps {
        sh ''' sudo apt-get update'''
        sh ''' sudo apt-get install nginx -y'''
        sh ''' sudo systemctl start nginx'''
      }
    }
    stage('Downloding Tepmplate') {
      steps {
        sh ''' sudo wget
https://www.free-css.com/assets/files/free-css-templates/download/page294/
digian.zip'''
        sh ''' sudo apt-get install unzip'''
        sh ''' sudo unzip digian.zip'''
        sh ''' sudo mv ./digian-html /var/www/html'''
      }
    }
  }
}
```

Overview

This pipeline automates the installation of Nginx web server and downloads a template from a URL, then extracts and moves it to the Nginx web root directory.

Pipeline Structure

- Agent: The pipeline is configured to run on any available agent.
- Stages: The pipeline consists of several stages, each representing a distinct phase of the setup process.

Stages

Installing Nginx

- This stage updates the package list, installs Nginx, and starts the Nginx service.

Downloading Template

- This stage downloads a ZIP file containing the template from the specified URL.
- It then installs the unzip tool to extract the ZIP file.
- Finally, it extracts the ZIP file and moves the extracted content to the Nginx web root directory (/var/www/html).

Output:

