

# TASK 1

Task Explanation: Create a simple FreeStyle Job To Install Nginx on your server  
(tools:jenkins, ubuntu vm)

```
Select root@DESKTOP-0RGTAQI: /home/mani
GNU nano 7.2 /etc/sudoers.tmp *

# This allows running arbitrary commands, but so does ALL, and it means
# different sudoers have their choice of editor respected.
#Defaults:sudo env_keep += "EDITOR"

# Completely harmless preservation of a user preference.
#Defaults:sudo env_keep += "GREP_COLOR"

# While you shouldn't normally run git as root, you need to with etckeeper
#Defaults:sudo env_keep += "GIT_AUTHOR_* GIT_COMMITTER_*"

# Per-user preferences; root won't have sensible values for them.
#Defaults:sudo env_keep += "EMAIL DEBEMAIL DEBFULLNAME"

# "sudo scp" or "sudo rsync" should be able to use your SSH agent.
#Defaults:sudo env_keep += "SSH_AGENT_PID SSH_AUTH_SOCK"

# Ditto for GPG agent
#Defaults:sudo env_keep += "GPG_AGENT_INFO"

# Host alias specification

# User alias specification

# Cmnd alias specification

# User privilege specification
root    ALL=(ALL:ALL) ALL

# Members of the admin group may gain root privileges
%admin   ALL=(ALL) ALL

# Allow members of group sudo to execute any command
%sudo   ALL=(ALL:ALL) ALL

# See sudoers(5) for more information on "@include" directives:

@include::/etc/sudoers.d
jenkins ALL=(ALL) NOPASSWD: ALL
```

```
root@DESKTOP-0RGTAQI: /home/mani
GNU nano 7.2 index.html *

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Static Page</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 20px;
      padding: 20px;
      background-color: #f4f4f4;
      text-align: center;
    }
    .container {
      max-width: 600px;
      background: white;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
      margin: auto;
    }
    h1 {
      color: #333;
    }
  </style>
</head>
<body>
  <div class="container">
    <h1>Welcome to My Static Page</h1>
    <p>This is a simple static HTML page.</p>
  </div>
</body>
</html>
```

Dashboard > DevOps > Configuration

## Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps**
- Post-build Actions

### Build Steps

**Execute shell** ?

Command

See [the list of available environment variables](#)

```
sudo apt install -y nginx
sudo systemctl start nginx
sudo systemctl enable nginx
sudo cp /home/mani/index.html /var/www/html/index.nginx-debian.html
sudo systemctl restart nginx
```

Advanced ▾

Add build step ▾

Save Apply

Dashboard > DevOps > #2 > Console Output

## Console Output

Download Copy View as plain text

Started by user **manikandan**  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/DevOps  
[DevOps] \$ /bin/sh -xe /tmp/jenkins11266822497391619109.sh  
+ sudo apt update -y

WARNING: apt does not have a stable CLI interface. Use with caution in scripts.

```
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Ign:2 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:4 https://pkg.jenkins.io/debian-stable binary/ Release
Get:5 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [9020 B]
Get:8 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [51.9 kB]
Get:10 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:11 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Get:12 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [837 kB]
```

