Ansible:-

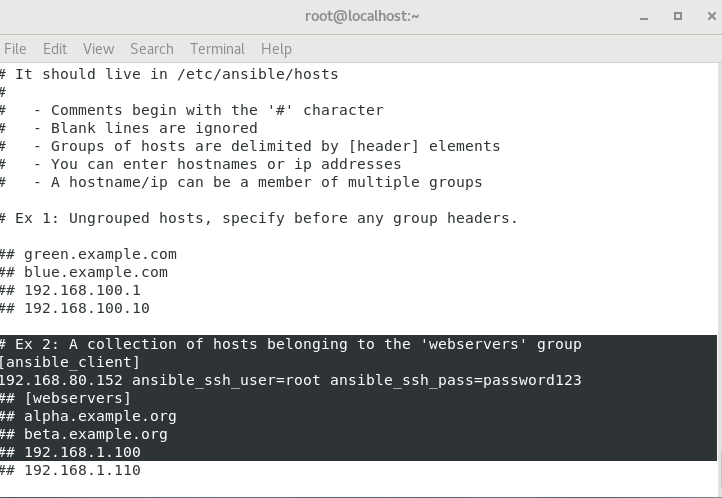
Installation:-

# yum install epel-release

# yum install ansible -y

#cat /etc/ansible/hosts

[ansible\_client]

192.168.80.152 ansible\_ssh\_user=root ansible\_ssh\_pass=password123

vim sample.yaml

---

- name: sample book

hosts: ansible\_client

become: true

tasks:

- name: installing httpd

yum:

name: httpd

state: latest

- name: running httpd

service:

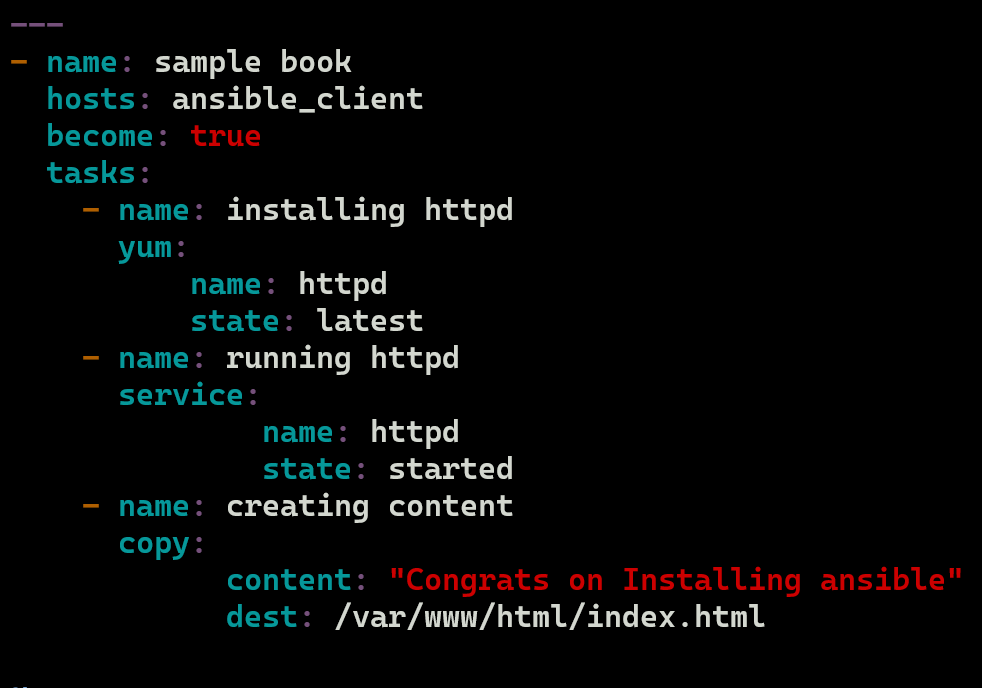
name: httpd

state: started

- name: creating content

copy:

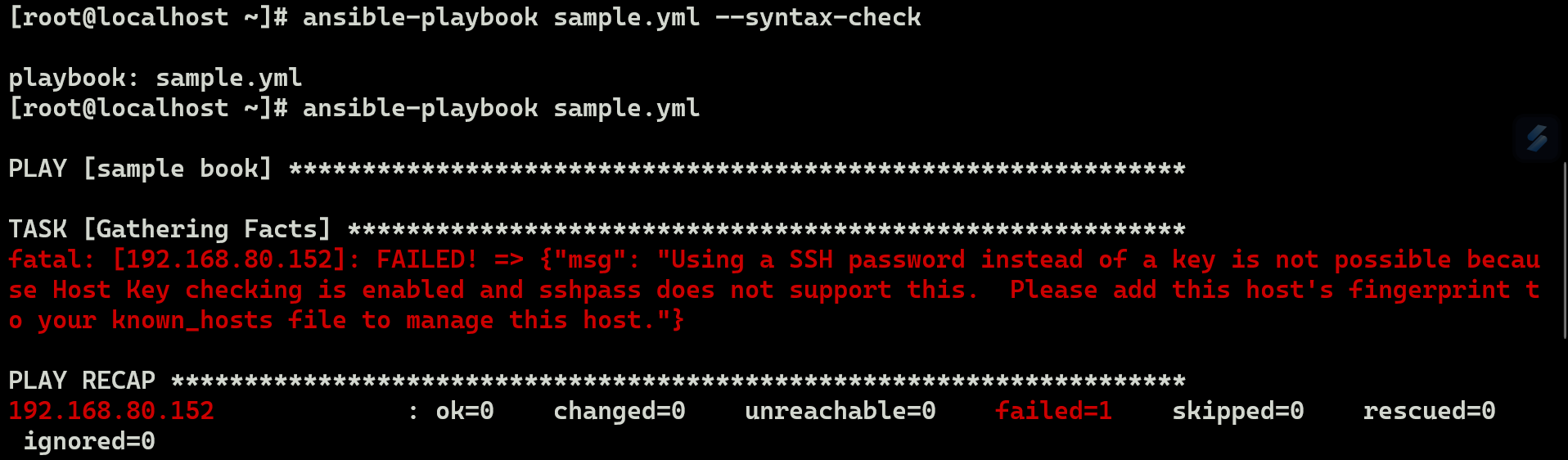
content: "Congrats on Installing ansible"

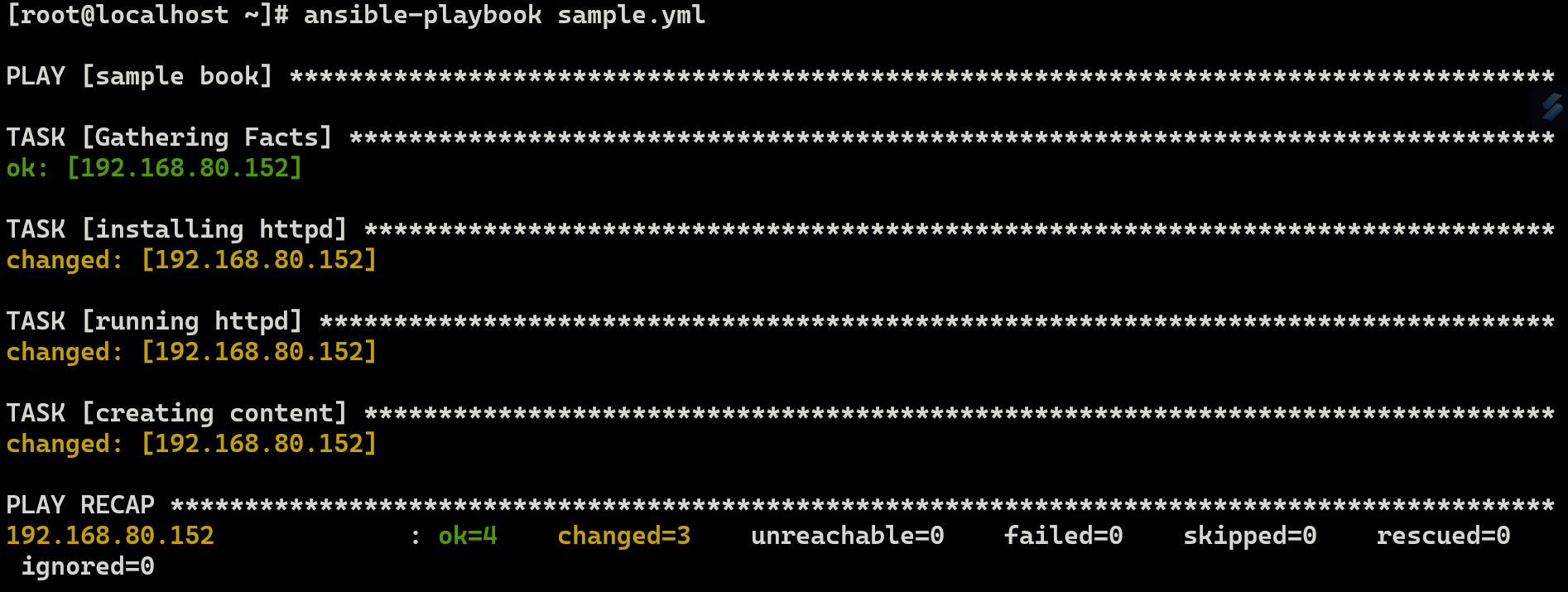
 dest: /var/www/html/index.html

To check syntax:-

# ansible-playbook sample.yml --syntax-check

playbook: sample.yml



First take ssh of client , so server will have fingerprint of client. Then run playbook.

Running a Script on all client: -

cat calc.sh

#!/bin/bash

#read -p "Enter a number:" num1

num1=$1

#read -p "Enter a smaller number:" num2

num2=$2

#read -p "Enter an operand:" op

op="$3"

echo $op

if [[ "$op" == "+" ]]

then

echo "$num1 + $num2 = $((num1 + num2))"

elif [[ "$op" == "-" ]]

then

echo "$num1 - $num2 = $((num1 - num2))"

elif [[ "$op" == "\*" ]] # Corrected the condition for multiplication

then

echo "$num1 \* $num2 = $((num1 \* num2))"

elif [[ $op == / ]]

then

echo "$num1 / $num2 = $((num1 / num2))"

else

echo "Operator not listed"

fi

# ansible ansible\_client -m script -a "calc.sh 12 12 +"

192.168.80.128 | CHANGED => {

"changed": true,

"rc": 0,

"stderr": "Shared connection to 192.168.80.128 closed.\r\n",

"stderr\_lines": [

"Shared connection to 192.168.80.128 closed."

],

"stdout": "+\r\n12 + 12 = 24\r\n",

"stdout\_lines": [

"+",

"12 + 12 = 24"

]

ansible\_client 🡪 Group name

-m : module