

```
amalu@LAPTOP-TUKUHGJV: ~  
Hashmun      base      forshell.sh  newfun.sh  
Hifly        bash.sh      galaxyInfo.txt newshell.sh  
Zing         dev_role    ifelse.sh    oddeven.sh  
abcmipex     display.sh   ifshell.sh    pooja  
the list of dirs  
./bash.sh: line 8: echoanu city: command not found  
amalu@LAPTOP-TUKUHGJV:~$ ls -l bash.sh  
-rwxrwxrwx 1 amalu amalu 96 Jan  7 18:07 bash.sh  
amalu@LAPTOP-TUKUHGJV:~$ nano bash.sh  
amalu@LAPTOP-TUKUHGJV:~$ ./bash.sh  
enter name  
amalu  
amalu  
amalu@LAPTOP-TUKUHGJV:~$ nano bash.sh  
amalu@LAPTOP-TUKUHGJV:~$ ./bash.sh  
hlo  
amalu@LAPTOP-TUKUHGJV:~$ nano bash.sh  
amalu@LAPTOP-TUKUHGJV:~$ ./bash.sh 233 567  
233  
567  
amalu@LAPTOP-TUKUHGJV:~$ ansible -h  
usage: ansible [-h] [--version] [-v] [-b] [--become-method BECOME_METHOD]  
               [--become-user BECOME_USER] [-K] [-i INVENTORY]  
               [--list-hosts [-l SUBSET] [-P POLL_INTERVAL] [-B SECONDS]  
               [-o] [-t TREE] [-k] [--private-key PRIVATE_KEY_FILE]  
               [-u REMOTE_USER] [-c CONNECTION] [-T TIMEOUT]  
               [--ssh-common-args SSH_COMMON_ARGS]  
               [--sftp-extra-args SFTP_EXTRA_ARGS]  
               [--scp-extra-args SCP_EXTRA_ARGS]  
               [--ssh-extra-args SSH_EXTRA_ARGS] [-C] [--syntax-check] [-D]  
               [-e EXTRA_VARS] [--vault-id VAULT_IDS]  
               [--ask-vault-password | --vault-password-file VAULT_PASSWORD_FILES]  
               [-f FORKS] [-M MODULE_PATH] [--playbook-dir BASEDIR]  
               [--task-timeout TASK_TIMEOUT] [-a MODULE_ARGS]  
               [-m MODULE_NAME]  
               pattern
```

```
amalu@LAPTOP-TUKUHGJV: ~  
amalu@LAPTOP-TUKUHGJV:~$ ansible-galaxy -h  
usage: ansible-galaxy [-h] [--version] [-v] TYPE ...  
  
Perform various Role and Collection related operations.  
  
positional arguments:  
  TYPE  
    collection  Manage an Ansible Galaxy collection.  
    role        Manage an Ansible Galaxy role.  
  
optional arguments:  
  --version      show program's version number, config file location,  
                configured module search path, module location, executable  
                location and exit  
  -h, --help     show this help message and exit  
  -v, --verbose  verbose mode (-vvv for more, -vvvv to enable connection  
                debugging)  
amalu@LAPTOP-TUKUHGJV:~$ ansible-galaxy init --force --offline ammurole  
Role ammurole was created successfully  
amalu@LAPTOP-TUKUHGJV:~$ tree ammurole/  
ammurole/  
├── README.md  
├── defaults  
│   └── main.yml  
├── files  
├── handlers  
│   └── main.yml  
├── meta  
│   └── main.yml  
├── tasks  
│   └── main.yml  
├── templates  
├── tests  
│   ├── inventory  
│   └── test.yml  
└── vars  
    └── main.yml
```

```
amalu@LAPTOP-TUKUHGJN: ~/dev_role/amalu-playbook

This message is shown once a day. To disable it please create the
/home/amalu/.hushlogin file.
amalu@LAPTOP-TUKUHGJN:~$ ld
ld: no input files
amalu@LAPTOP-TUKUHGJN:~$ ls
18      alo.txt      display.sh  ifshell.sh  oddeven.sh
1.sh    amalu-playbook  echo.txt    initialGalaxy  pooja
'='     ammurole       fib.sh      input.sh     prime.sh
'=='    args.sh        five.sh     ls.txt       temp
Hashmum array.sh       food.sh     name.yaml    upto.sh
Hifly   base          forshell.sh newYaml.yml   xyz-playbook
Zing    bash.sh       galaxyInfo.txt newfun.sh
abcimpe dev_role      ifelse.sh   newshell.sh

amalu@LAPTOP-TUKUHGJN:~$ cd ammurole
amalu@LAPTOP-TUKUHGJN:~/ammurole$ cd ..
amalu@LAPTOP-TUKUHGJN:~$ cd dev_role
amalu@LAPTOP-TUKUHGJN:~/dev_role$ ls
README.md  defaults  handlers  tasks  tests
amalu-playbook  files  meta  templates  vars
amalu@LAPTOP-TUKUHGJN:~/dev_role$ cd tasks
amalu@LAPTOP-TUKUHGJN:~/dev_role/tasks$ ls
main.yml
amalu@LAPTOP-TUKUHGJN:~/dev_role/tasks$ cat main.yml
---
# tasks file for dev_role
amalu@LAPTOP-TUKUHGJN:~/dev_role/tasks$ cd ..
amalu@LAPTOP-TUKUHGJN:~/dev_role$ cd amalu-playbook/
amalu@LAPTOP-TUKUHGJN:~/dev_role/amalu-playbook$ ls
my.yml
amalu@LAPTOP-TUKUHGJN:~/dev_role/amalu-playbook$ cat my.yml
---
- hosts: tomcat-node
- roles:
  - { role: install-tomcat}
  - { role: start-tomcat}
...
amalu@LAPTOP-TUKUHGJN:~/dev_role/amalu-playbook$
```

```
amalu@LAPTOP-TUKUHGJN: ~/xyz-playbook
Hashmum amalu-playbook  bash.sh  five.sh  ifshell.sh  newYaml.yml  prime.sh
amalu@LAPTOP-TUKUHGJN:~$ cd xyz-playbook/
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook$ ls
dev_role  dev_role2  xyz_orchestrate.yml
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook$ cat xyz_orchestrate.yml
---
- hosts: localhost
- roles:
  - { role: dev_role1 }
  - { role: dev_role2 }
...
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook$ cd dev_role1/
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook/dev_role1$ ls
README.md  defaults  files  handlers  meta  task  templates  tests  vars
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook/dev_role1$ cd tasks/
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook/dev_role1/tasks$ ls
main.yml
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook/dev_role1/tasks$ cat main.yml
---
# tasks file for dev_role1
- hosts: localhost
- vars:
  - test1: "Hello World"
- tasks:
  - name: Testing ansible variable
- debug:
  msg: "Equals"
- when: test1 == "Hello World"
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook/dev_role1/tasks$ cd ..
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook/dev_role1$ cd ..
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook$ ls
dev_role  dev_role2  xyz_orchestrate.yml
amalu@LAPTOP-TUKUHGJN:~/xyz-playbook$ sudo ansible-playbook -i hosts xyz_orchestrate.yml -vvv
[sudo] password for amalu:
ansible-playbook [core 2.11.7]
  config file = /etc/ansible/ansible.cfg
  configured module search path = ['/root/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  ansible collection location = /root/.ansible/collections:/usr/share/ansible/collections
  executable location = /usr/bin/ansible-playbook
  python version = 3.8.10 (default, Sep 28 2021, 16:10:42) [GCC 9.3.0]
  jinja version = 2.10.1
  libyaml = True
Using /etc/ansible/ansible.cfg as config file
host_list declined parsing /home/amalu/xyz-playbook/hosts as it did not pass its verify_file() method
Skipping due to inventory source not existing or not being readable by the current user
script declined parsing /home/amalu/xyz-playbook/hosts as it did not pass its verify_file() method
auto declined parsing /home/amalu/xyz-playbook/hosts as it did not pass its verify_file() method
Skipping due to inventory source not existing or not being readable by the current user
yaml declined parsing /home/amalu/xyz-playbook/hosts as it did not pass its verify_file() method
Skipping due to inventory source not existing or not being readable by the current user
jinja declined parsing /home/amalu/xyz-playbook/hosts as it did not pass its verify_file() method
Skipping due to inventory source not existing or not being readable by the current user
[WARNING]: Unable to parse /home/amalu/xyz-playbook/hosts as an inventory source
[WARNING]: No inventory was parsed, only implicit localhost is available
[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not
```