Playbooks Examples

Playbook 1

```yaml
---

  - name: "Playing with Ansible"

    hosts: all

    connection:local

    tasks:


    - name: "just execute a ls -lrt command"

      shell:

        cmd: "ls -lrt"

      register: "output"


    - name: "Print output"

      debug:

        var=output
```

Playbook2:   (Multiple shell commands)

```yaml
---

  - name: "Running shell commands for directory"
    hosts: localhost
    tasks:

    - name: "create directory and files"
      shell: |
        mkdir playbooks
        cd playbooks
        cat > demo.txt
```

Playbook3: (New Inventory file)

```yaml
---
```

```yaml
  - name: "using inventory file"
    hosts: all
    connection: local
    tasks:
      - name: "using ls command"
        shell: "pwd"
        register: "output"


      - name: "display"
        debug: var=output.stdout
```

Playbook 4 (Installing packages)

```yaml
---
  - name: "Update Packages"
    hosts: localhost
    become: true
    tasks:
    - name: "update packages"
      shell:
          cmd: "apt update"


    - name: "Install package"
      apt:
        name: python3
        state: latest
```

Playbook 5 (Roles)

```yaml
---
  - name: "Ansible role"
```

```yaml
  hosts: localhost

  roles:

    - createdir
```

NOTE: Inside Roles folder create a newfolder (your role name) inside that create tasks folder. Inside that create a task file(main.yml)

Main.yml

```yaml
---
 - name: "create a file"

   shell:

    cmd: "cat > newfile.txt"
```