Lab. 4 ansible

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- 1. installing a package (get the package name from vars)
- 2. copying a list of files from controller to host using loop (get the list of file names from vars)

(the actual files will be stored in ./roles/web/files)

(will be executed only when the install task is in state: changed) @

Restart the service of the installed package

(will be executed only when the copy task is in state: changed)

```
EXPLORER
                                                                       ! main.yml .../tasks •
✓ ANS
                                   roles > web > tasks > ! main.yml

√ roles/web

                                          - name: Install package

√ files

                                            apt:
  # file.css
                                              name: "{{ package name }}"
  JS file.js

√ handlers

                                            register: install result
   ! main.yml

∨ tasks

                                          - name: Copy files using loop
  ! main.yml

√ templates

                                              src: "{{ item }}"
   dest: "/var/www/html/{{ item }}"

∨ vars

                                            loop: "{{ file list }}"
   ! main.yml
                                            register: copy result
 ansible.cfg
                                            when: install_result.changed == true

    inventory

                                          - name: Restart service
 ! pb.yml
                                            service:

≡ user1-key

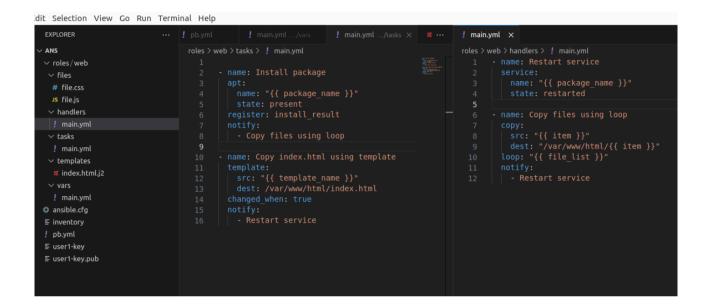
                                              name: "{{ package name }}"

≡ user1-key.pub
                                              state: restarted
                                              when: copy result.changed == true
                                    22
                                          - name: Copy index.html using template
                                            template:
                                              src: "{{ template name }}"
                                              dest: /var/www/html/index.html
                                            changed when: true
                                            notify:
                                            - Restart service
```

Create your first role with name (web) ④ The task book will include:

- 1. installing a package (get the package name from vars)
- 2. copying a list of files from controller to host using loop (get the list of file names from vars) (the actual files will be stored in ./roles/web/files) (will be executed using Handlers) ④

Restart the service of the installed package (will be executed using Handlers chaining)



1. installing a package

(get the package name from vars)

2. Copying a file from controller to host using template

(get the template name & template message from vars)

(the actual template file will be stored in ./roles/web/templates)

(will also notify the restart handler)

3. copying a list of files from controller to host using loop

(get the list of file names from vars)

(the actual files will be stored in ./roles/web/files)

(will be executed using Handlers) @

Restart the service of the installed package

(will be executed using Handlers chaining)

