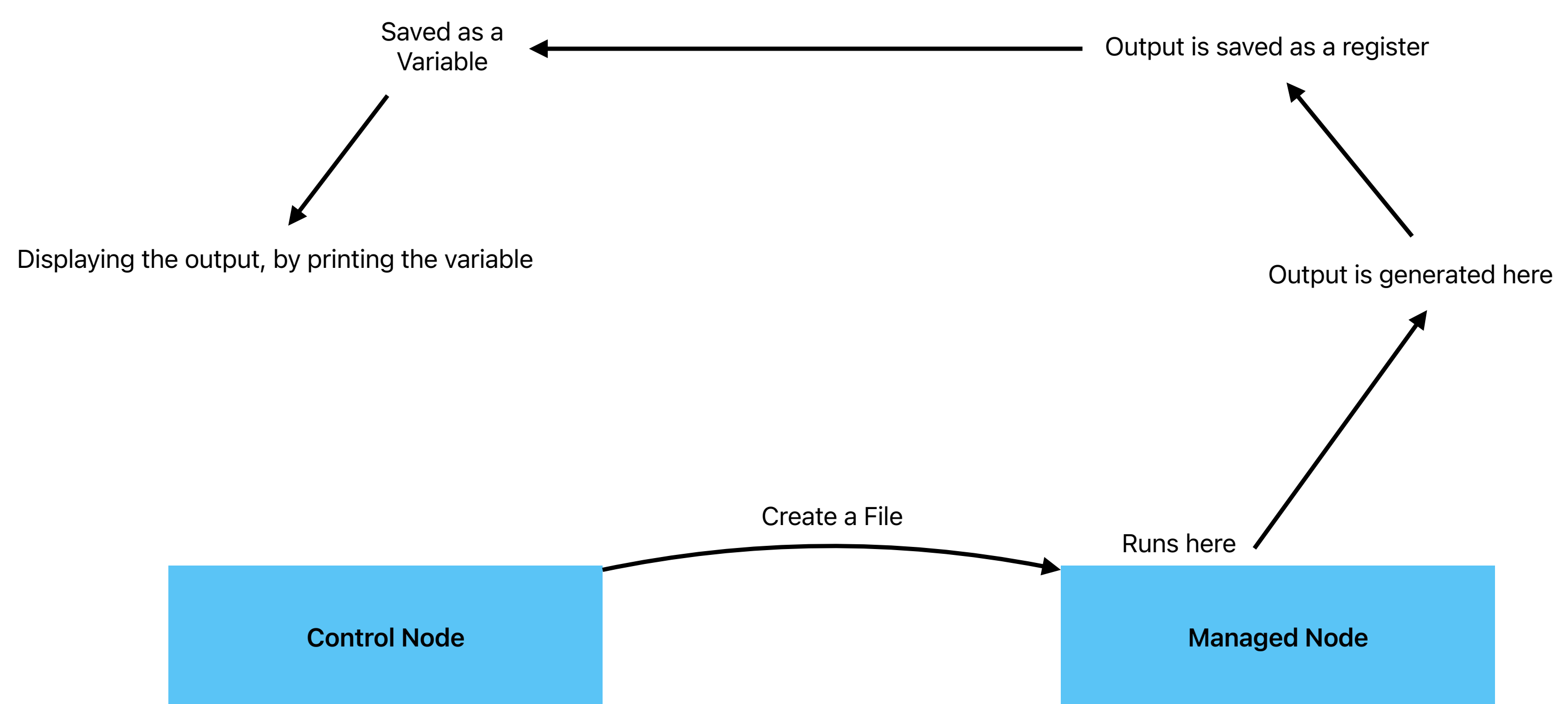


ANSIBLE REGISTERS



```
---
- name: Playbook 4
  hosts: all
  tasks:
    - name: Create a file
      file:
        path: /new4.txt
        state: touch
        register: abc

    - name: Printing the register
      debug:
        var: abc.mode

    - name: Install a package
      yum:
        name: nginx
        state: present
        register: package_info

    - name: Print Output
      debug:
        var: package_info
~
~
```

ANSIBLE FACTS

Module Name: setup

```
---
- name: Understanding Facts
  hosts: all
  gather_facts: true
  tasks:
    - name: Add line in a file
      lineinfile:
        path: /home/systeminfo.txt
        line: "The IP of this machine is {{ ansible_default_ipv4.address }} and the Hostname is {{ ansible_hostname }}"
        create: yes

    - name: Print Text
      debug:
        msg: "The free memory on this machine is: {{ ansible_memfree_mb }}"
~
~
~
```

LEGACY METHOD OF DEFINING FACTS

```
ansible_default_ipv4.address
ansible_date_time.date
ansible_all_ipv4_addresses[0]
```

NEW METHOD OF DEFINING FACTS

```
ansible_facts['default_ipv4']['address']
ansible_facts['date_time']['date']
ansible_facts['all_ipv4_addresses[0]']
```

Changes to make Ansible Easier

- Go to home directory of the user
 - vim .vimrc
- Add the below mentioned lines

```
set ai
set expandtab
set tabstop=2
set cursorcolumn
~
~
~
```