Introduction to Ansible Variables

➢ Ansible Variables are used to store a value like other programming/scripting languages
➢ There are different types of variables and different ways to define variables
➢ Types of variables:
  ➢ Custom Variables
  ➢ Registered Variables
  ➢ Variables From Facts
  ➢ Variables From Inventory (Host Vars & Group Vars)
  ➢ Default Variables

Ansible and Ansible-Playbooks For Automation

Defining Custom Variables

➢ **Ansible Script(s) or Ansible-Playbook(s) are developing with YAML**
➢ **So, we must represent a variable as a key value pair representation**
➢ **Defining a Variable from languages like : Shell Scripting, Python Scripting etc… is x=2**
➢ **But in Playbooks/YAML Script, it is like :**
  - ➢ **key: value**
  - ➢ x: 2
  - ➢ y: 4.5
  - ➢ myName: VRTechnologies

  - ➢ **Note:**
    - ➢ These are very basic variables in YAML, and they are called scalar variables
➢ **Rules to take variable names:**
  - ➢ **Variable name should have only letters, numbers and underscore**
  - ➢ **Any Variable must start with a letter (upper or lower case)**
➢ **Use vars section to define custom variables in Playbooks**
➢ **Use debug module to display variable value from Playbooks**

Ansible and Ansible-Playbooks For Automation

How to define custom variables in Ansible-Playbooks ?

➢ Use **vars** section to define custom variables in Playbooks
➢ Use debug module to display variable value from Playbooks