**Lesson 07 Demo 5**

**Variables in Jinja2 filters**

**Objective:** To process variables in Jinja2 filters

**Prerequisites:** You need to have Python 2.7 or higher, Minimum 8 GB RAM, and SSH or SCP communicator.

**Tools Required:** Ansible and Jinja2

**Steps to be followed:**

1. Creating a playbook having **syntax** filters
2. Creating a playbook having **default** filters

**Step 1: Creating a playbook having syntax filters**

1. Create a playbook that will have a variable, **my\_name,** and configure it using Jinja2 filters

**sudo nano jinja\_template.yml**

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**- name: Data Manipulation**

**hosts: localhost**

**gather\_facts: false**

**vars:**

**my\_name: Deepanshu Kachhwaha**

**tasks:**

**- name: Print message**

**debug:**

**msg:**

**- "My name is {{ my\_name }}"**

**- "My name is {{ my\_name | lower }}"**

**- "My name is {{ my\_name | upper }}"**

**- "My name is {{ my\_name | capitalize }}"**

**- "My name is {{ my\_name | title }}"**

Text

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* 1. Run the playbook using the command below:

**ansible-playbook jinja\_template.yml**

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**Step 2: Creating a playbook having default filters**

* 1. Create a playbook that will have a variable, **first\_name,** and configure it using default filters

**sudo nano jinj\_default.yml**



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**- name: Data Manipulation**

**hosts: localhost**

**gather\_facts: false**

**vars:**

**first\_name: Deepanshu**

**tasks:**

**- name: Print message**

**debug:**

**msg:**

**- "My name is {{ first\_name }} {{ last\_name | default('Kachhwaha') }}"**

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**Note:** If we don’t pass **default** for the last name, it will show an error.

* 1. Run the playbook using the command below:

**ansible-playbook jinj\_default.yml**

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The playbook runs successfully even in the absence of the last name because of the **default** filter.