




## **Module 4: Hands-On: Using Variables in Manifest**

## Steps for Puppet Master:

**Step 1:** Change the directory to  
`/etc/puppet/code/environments/production/manifests`

```
$ cd /etc/puppet/code/environments/production/manifests  
$ sudo nano site.pp
```



**Step 2:** Enter the following text:

```
node default{  
  $text= "hello world"  
  file{'/tmp/hello.txt':  
    content=> $text,  
    mode=> '0644',  
  }  
}
```

```
ubuntu@ip-172-31-45-144: /etc/puppet/code/environme
GNU nano 2.9.3

node default{
  $text="hello world"

  file{'/tmp/hello.txt':
    content=> $text,
    mode=>  '0644',
  }
}
```

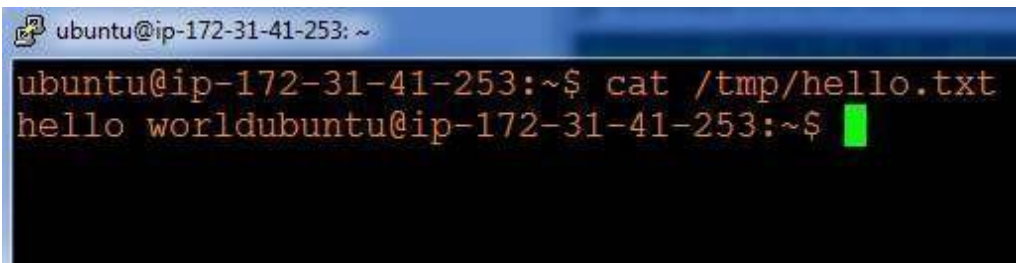
## On Puppet Agent:

**Step 1:** Execute the following command:

```
$ sudo puppet agent --test
```

```
ubuntu@ip-172-31-41-253: ~
ubuntu@ip-172-31-41-253:~$ sudo puppet agent --test
Info: Using configured environment 'production'
Info: Retrieving pluginfacts
Info: Retrieving plugin
Info: Retrieving locales
Info: Caching catalog for ip-172-31-41-253.us-east-2.compute.internal
Info: Applying configuration version '1549509948'
Notice: /Stage[main]/Main/Node[default]/Package[nginx]/ensure: created
Notice: /Stage[main]/Main/Node[default]/File[/tmp/status.txt]/ensure: defined co
ntent as '{md5}33953125d5378c23cb0a98b5e2efe1d0'
Notice: Applied catalog in 5.96 seconds
ubuntu@ip-172-31-41-253:~$
```

**Step 2:** Verify the installation and file by going to the browser with the agent's ip address. Also check/tmp/hello.txt



```
ubuntu@ip-172-31-41-253: ~  
ubuntu@ip-172-31-41-253:~$ cat /tmp/hello.txt  
hello worldubuntu@ip-172-31-41-253:~$
```