**Run Daemon in one DAG:**

‘owner’:’nmathew’,

‘depends\_on\_fast’:False,

‘retries’:2,

‘retry\_delay’:timedelta(minutes=1)

}

with DAG(‘ControlDaemon’,start\_date=datetime.utc.now(),default\_args=DAG\_DEFAULT\_ARGS,catchup=False)as dag:

print\_dag=BashOperator(task\_id=’print\_dag’,bash\_command=’echo\_Hello’)

start\_daemon=BashOperator(task\_id=’start\_daemon’,bash\_command=’systemctl start my\_startup.service’)

#keep\_watch=BashOperator(task\_id=’keep\_watch’,bash\_command=’watch –n 5 systemctl status my\_startup.service)

Keep\_watch=BashOperator(task\_id=’keep watch’,bash\_command=’while true;

do clear;

systemctl status my\_satrtup.service;

sleep 10;done’)

stop\_daemon=BashOperator(task\_id=’stop\_daemon’,bash\_command=’systemctl stop my\_startup.service’)

print\_dag>>start\_daemon>>keep\_watch>>stop\_daemon

‘ContolDaemon.py’

‘owner’:’nmathew’,

‘depends\_on\_fast’:False,

‘retries’:2,

‘retry\_delay’:timedelta(minutes=1)

}

Create DAG with some parameters start \_date,default\_args.

In DAG we perform three tasks such as start\_daemon, and watch that deamon is running or not with the help of keep\_watch task, and finally we create task for stop\_daemon for stop daemon service.

with DAG(‘ControlDaemon’,start\_date=datetime.utc.now(),default\_args=DAG\_DEFAULT\_ARGS,catchup=False)as dag:

print\_dag=BashOperator(task\_id=’print\_dag’,bash\_command=’echo\_Hello’)

Create task start\_daemon for running daemon service in background and passing arguments task\_id and bash\_command for to start the daemon service.

start\_daemon=BashOperator(task\_id=’start\_daemon’,bash\_command=’systemctl start my\_startup.service’)

#keep\_watch=BashOperator(task\_id=’keep\_watch’,bash\_command=’watch –n 5 systemctl status my\_startup.service)

Create task keep\_watch for observe the daemon service running in background and passing arguments task\_id and bash\_command for to daemon service running in background.

Keep\_watch=BashOperator(task\_id=’keep watch’,bash\_command=’while true;

do clear;

systemctl status my\_satrtup.service;

sleep 10;done’)

Create task stop\_daemon to stop the daemon service running in background and passing arguments task\_id and bash\_command to stop daemon service running in background.

stop\_daemon=BashOperator(task\_id=’stop\_daemon’,bash\_command=’systemctl stop my\_startup.service’)

Execute the DAG to run the three tasks such as start\_daemon, Keep\_watch, stop\_daemon simultaneously.

print\_dag>>start\_daemon>>keep\_watch>>stop\_daemon

‘ContolDaemon.py’