**PRE-REQUISITES:-**

1. A fresh Ubuntu 16.04 LTS machine with at least 4 GB RAM
2. Pre- installed open jdk-8-jre (run command “**sudo apt-get install openjdk-8-jre**” to install this jre)

**INSTALLATION INSTRUCTIONS AND FOLDER STRUCTURE:-**

1. **Nokia –** this folder contains all the helping scripts and files needed for setup.sh
   1. Files
      1. archive\_setup (this folder contains all the helping files for Jenkins\_setup.sh)
      2. samplejob (this folder contains sample xml for job creation in createjob.sh)
      3. jenkins-cli.jar (this is needed for create job to run)
      4. robotframework 3.0.2.tar.gz (this setup is being used by virtualenvsetup.sh to install robotframework in virtual setup)
   2. jenkins\_setup.sh (this script installs and setup Jenkins with its prerequisites)
   3. createjob.sh (this script creates a testjob in Jenkins and builds it)
   4. virtualenvsetup.sh (this script creates a virtual environment venv)
2. **Setup.sh –** this is the master and only file which needs to be run for this whole setup

**How to proceed with the installation** :-

Step 1. Unzip setup.zip at home location (where user has access rights) by running the command “unzip setup.zip”

Step 2. Run setup.sh with command “bash setup.sh”

Note:- system may need a reboot depending upon the dpkg status. If dpkg related error is received then reboot the system and run setup.sh again as described in step 2