**JENKINS JOBS :**

>>for any kind of job we can use freestyle project

**THIS PROJECT IS PARAMETERIZED : ( THIS BUILD IS PARAMETERIZED )**

if you want to pass parameters or any variables we can pass using this option ,

enable that option and add parameter ,

here we have many options like string parameter , boolean and run parameter , password parameter etc

>>Based on the script parameters will run

>>one job will occupy any one build executor status only at a time if you trigger one job for 5 times then it will start building with one executor only so those 5 jobs will be in build queue

>>if you run two jobs at a time both jobs will occupy different different build executable status and starts building paralally.

>>Number of builds paralally will not build , Number of jobs will build paralally

**BUILD PERIODICALLY :**

if we enable build periodically option

>>if your build needs to trigger by exactly 7:40 , how to assign crontab format is ,

40 07 \* \* \*

40 07 26 02 01 ----------> 40 means minutes , 07 means hours , 26 means days of the month , 02 means month of the year , 01 means day (monday) days will specify 0 to 7 , here 0 and 07 both specifies SUNDAY

if you enter like this ,

40 07 26 02,03 01 -----> now month 02 and 03 build will trigger

\* \* \* \* \* ------> for every minute once build will be trigger

------------------------------------------------------------------------------------------------------------

>>For different different projects we need to use different different java or maven versions so that we are creating node or slave ,

>>in the job configuration only we can give different different java version and maven and ant versions or else we can setup in configure system only.

--------------------------------------------------------------------------------------------------------

in job configuration we have a option like BUILD , inside build option ADD BUILD STEP is there ,

now if we are working in windows environment we have to select execute windows batch command , or if we are working in linux environment we have to select EXECUTE SHELL here we can pass the commands like ls , pwd , etc

-----------------------------------------------------------------------------------------------------------

**DEPLOYMENT FROM JENKINS :**