Ques 3 : Write a script OR Convey a proven mechanism to retrieve the URL of artifacts uploaded in Nexus / Artifactory via the Jenkins job.

Ans : **There are three different ways:**

**1.Using environmental variables**

def nexusUser = hasProperty('nexusUsername') ? nexusUsername : System.getenv('nexusUsername')

def nexusPassword = hasProperty('nexusPassword') ? nexusPassword : System.getenv('nexusPassword')

def nexusReleaseUrl = hasProperty('nexusReleaseUrl') ? nexusReleaseUrl : System.getenv('nexusReleaseUrl')

def nexusSnapshotUrl = hasProperty('nexusSnapshotUrl') ? nexusSnapshotUrl : System.getenv('nexusSnapshotUrl')

repositories {

mavenDeployer {

repository(url: nexusReleaseUrl) {

authentication(userName: nexusUser, password: nexusPassword);

}

snapshotRepository(url: nexusSnapshotUrl) {

authentication(userName: nexusUser, password: nexusPassword);

}

}

}

2.

**Using ~/.gradle/gradle.properties (remember is under the user jenkins)**

nexusUser=user

nexusPass=password

uploadArchives {

def nexusUser = "${nexusUsername}"

def nexusPassword = "${nexusPassword}"

repositories {

mavenDeployer {

repository(url: 'your nexus releases') {

authentication(userName: nexusUser, password: nexusPassword);

}

snapshotRepository(url: 'your nexus snapshot') {

authentication(userName: nexusUser, password: nexusPassword);

}

}

}

}

3.Using the global credentials