**Day 52 DIY**

**DIY Questions:**

1.An organization is adopting the continuous integration method of CI/CD pipelines to improve its software development process. Which of the following are the most significant requirements for continuous

integration:

a)Always run all commit tests on your localhost before committing.

b)Check-in on a broken build.

c)Keep the build and test process sufficiently long.

d)Create a comprehensive automated test suite.

**Answer:** a)Always run all commit tests on your localhost before committing.

2.Which of the following is not a dependency management tool?

a)Maven b)Ant c)Jenkins d)Gradle

**Answer**: c)Jenkins

3.What are the pre-requisites for using Jenkins?

**Answer:**

Since Jenkins is a Java-based application, Java latest version(JDK) should be installed on your system. Apache Tomcat latest version is required to deploy applications. Good internet connectivity to download Jenkins war File, required to install Jenkins. 1 GB free disk space to install and run the applications

4.How do you install Jenkins?

**Answer:**

1. Install Java Development Kit (JDK) ...
2. Set the Path for the Environmental Variable for JDK. ...
3. Download and Install Jenkins. ...
4. Run Jenkins on Localhost 8080. ...
5. Jenkins Server Interface. ...
6. Build and Run a Job on Jenkins.

5.Which SCM tools does Jenkins support?

**Answer:**

The SCM or Source Code Management tools Jenkins supports are SVN, Clearcase, CVS, Git, AccuRev, Perforce, RTC, Mercurial