**Selenium – Jenkins Interview Questions:**

**What is Jenkins?**

Jenkins is a continuous integration tool.

**What is a continuous integration system?**

Continuous integration is a development practice that requires developers to integrate code into a shared repository several times a day. It is a process of running your tests on a non-developer machine automatically when someone pushes the new code into the source repository.

Using Jenkins, we can trigger tests when someone pushes new code into the repository.

**Why do we need continuous integration?**

Using continuous integration, we can detect problems as early as possible in the development lifecycle.

Since code is deployed, built and tested thoroughly potential defects can be caught in the early stages of life cycle.

**What are the requirements for installing Jenkins?**

Requirements:

JDK should be installed on the system. As Jenkins was developed using Java, JDK should be installed on the system to run Jenkins.

**How do you run Jenkins?**

Go to the folder where the Jenkins war file is downloaded and run the following command.

java -jar jenkins.war --httpPort=9090

This will start the server on port 9090. Now if you go to browser and type <http://localhost:9090> it will open Jenkins home page.

**What is the default port that Jenkins start if you don’t specify the port no. in the above command?**

8080