JENKINS

Jenkins is an open-source continuous integration/continuous delivery and deployment (CI/CD) automation software DevOps tool written in the Java programming language. It is used to implement CI/CD workflows, called pipelines.

Jenkins, in simpler terms, is used to automating the workflow of developers so that their work becomes easier and not repetitive. It runs on port number 8080.

Continuous Integration or CI is the part where the program is coded and it gets built into a docker container but CD stands for both continuous delivery and continuous deployment. When the code is ordered to execute at a certain time i.e., when we require a physical intervention to happen during the execution stage, this is known as delivery but if we want to automate the entire process without human involvement, then it is called deployment.

  