**CI Automation**

Problem Statement: You are working as DevOps Engineer and needs to automate Docker image deployment. We need to automate Application deployment as Containerized application on Kubernetes. To resolve this automatically we need to automate it using Jenkins CI pipelines.

Code Repository:

1. [**https://github.com/anujdevopslearn/SpringBosch.git**](https://github.com/anujdevopslearn/SpringBosch.git)
2. Checkout Source code from Git Repository using Jenkins pipeline.
3. Performing Maven build using Jenkins pipeline.
4. Perform Docker image build and upload to Docker hub.
5. Deploy on Kubernetes Cluster.

Solution: