1. Go to manage Jenkins -> plugins and install the below mentioned plugins
2. SonarQube Scanner
3. Sonar Quality Gates
4. Quality Gates
5. OWASP Dependency Check
6. Official OWASP ZAP
7. Docker
8. Docker common
9. Docker Pipeline
10. Docker API
11. Docker build steps
12. Kubernetes
13. Kubernetes Client API
14. Kubernetes Credentials
15. Kubernetes cli
16. Go to manage Jenkins -> credentials and click on global to add a credentials
17. For sonarqube, kind will be secret text, enter a ID to identify, enter the token copied from sonarqube and provide a description
18. Click on create.