EXPERIMENT - 3 and 4

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Batch – 2 [DevOps Non-Hons]

SAP ID- 500092140

Subject – Continuous Integration and Continuous Delivery Lab
```

Aim: Maven Build using GitHub Actions

1] Push our file on git repo name as CICD-lab3 which contain class file,dockerfile,pom.xml file and so on.

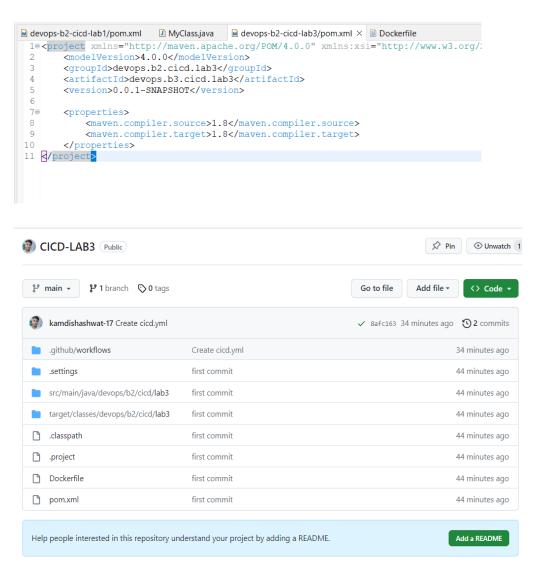
Docker file

MyClass.java file

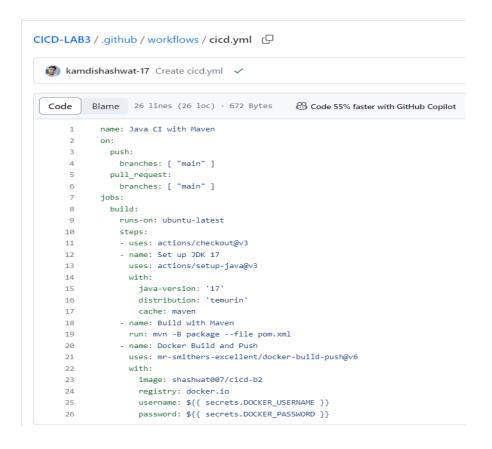
```
    ■ devops-b2-cicd-lab1/pom.xml  
    ☑ MyClass.java ×  
    ■ devops-b2-cicd-lab3/pom.xml  
    ⑤ Dockerfile

  1 package devops.b2.cicd.lab3;
 3 public class MyClass {
        public void greeting()
 4⊖
             System.out.println("Hello GitHub Actions");
 8⊖
        public void testMsg()
             System.out.println("This is Test Message");
11
12
13⊝
        public static void main(String[] args) {
             MyClass ob = new MyClass();
15
             ob.greeting();
16
17
18 }
```

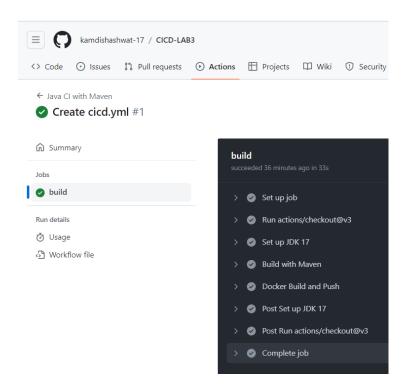
Pom.xml file



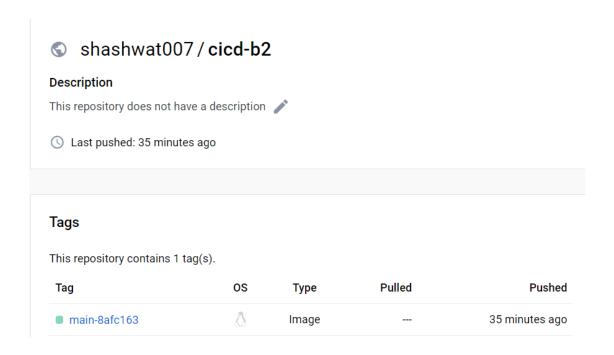
2] Create a GitHub Actions Workflow name as cicd.yml and click on commit and push changes.



3] Check the Workflow Status in that you will notices that our build has been completed and build images has been visible in our docker hub.



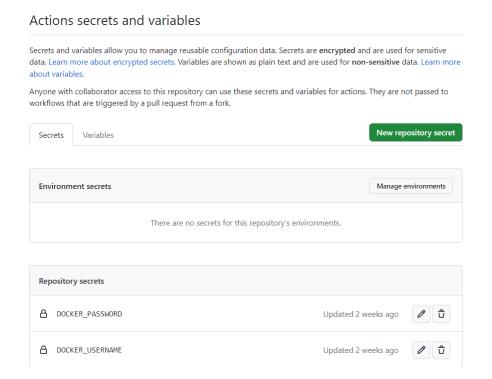
4] Build image in docker hub



EXPERIMENT – 4

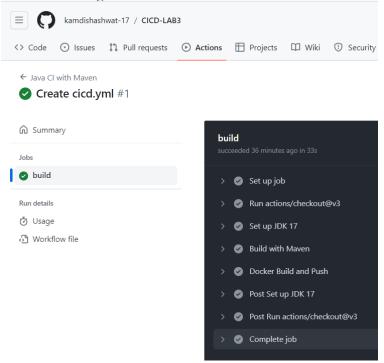
Aim: - Docker build and push using Github actions.

5] Add Docker Hub Credentials to GitHub Secrets



6] Commit and Push Changes

7] Check the Workflow Status in that you will notices that our build has been completed and build images has been visible in our docker hub.



4] Build image in docker hub and docker command in a public view.

