

## GitHub Actions Hello world demo

1. Create new Java project
2. Commit locally
3. Share on GitHub
4. On GitHub add a workflow file.
5. Update local main (workflow file now added)
6. Add feature-greeting branch
7. Add Greeter class and sayHello method.
8. Commit locally
9. Update main
10. Merge main into feature branch
11. Push feature branch to Github
12. Create pull request
13. Watch workflow in action

Adding (failing) test

14. Create test class for Greeting and test method (e.g. add fail() to ensure workflow fails)
15. NB EDIT pom.xml to include latest version of surefire plugin:

```
<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-surefire-plugin</artifactId>
      <version>3.2.5</version>
    </plugin>
  </plugins>
</build>
```

16. Push feature branch
17. Create pull request (see workflow fail)
18. Remove fail() in test method
19. Push feature branch
20. Create pull request (see workflow pass)