

Method overriding
generic

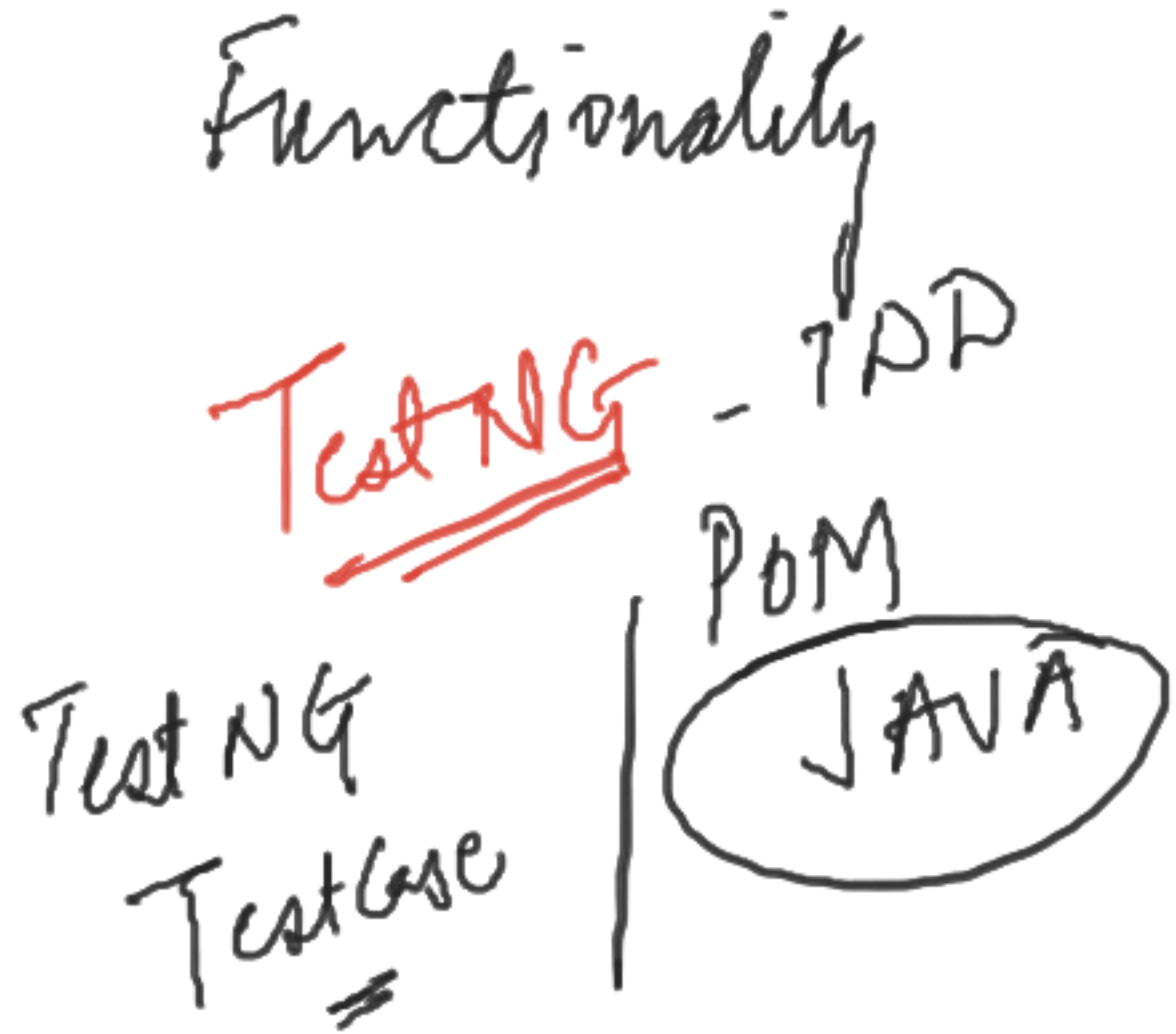
TCs

TC Case	add	int/double	arrays
1	✓	✓	✓
2	✓	✓	✓
3	✓	✓	✓
4	✓	✓	✓

Class A &

```

public void sum(int a, int b) {
    return 1000 a + b;
}
System.out.println(a.sum());
  
```



Non Tech



GIVEN
WHEN
THEN
AND

BDD



Plain English

Gherkin lang.

Cucumber Tool



Scenarios
Feature

Gherkins Keywords

← BDD Framework

cucumbers → Ruby

JAVA

→ Feature: loginFunc

Behave

: AddToCart

Specflow (.NET)

Product list

→ Scenario

- AND

→ GIVEN:

- Scenario Outline / Examples

- WHEN
- THEN

→ Tags (concept like Grouping in Testing)

Maven

src/main/java

BDD/Cucumber

↓ Folder Structure

+ JUNIT

↳ features (pkg)

↳ Step Definition (pkg)

↳ .java classes

login.feature

(.feature
ext. of
file)

src/test/java

↳ test runner

↳ class → To execute all the TCs
↳ Test Steps

Features
(pkg)

Step Def:
(pkg)

Hit | Run
TestRunner

login feature

Feature: login Functionality

Scenario: login with valid cred.

GIVEN: launch the app.

WHEN: user enters the valid cred.

THEN: should be logged in app.

Test Steps

@Given (" - ")
public void app ()

{
// sel code

}
@WHEN (" - - - ")
public void entered () {

}
@THEN (" - ")
public void redirect () {
}

pkg

login.
feature
file path

+

Step Def
paths

```
<dependency>  
  <groupId>junit</groupId>  
  <artifactId>junit</artifactId>  
  <version>4.11</version>  
</dependency>
```

```
<dependency>  
  <groupId>io.cucumber</groupId>  
  <artifactId>cucumber-java</artifactId>  
  <version>4.2.0</version>  
</dependency>
```

```
<dependency>
  <groupId>io.cucumber</groupId>
  <artifactId>cucumber-jvm-deps</artifactId>
  <version>1.0.6</version>
</dependency>

<!-- https://mvnrepository.com/artifact/io.cucumber/cucumber-junit -->
<dependency>
  <groupId>io.cucumber</groupId>
  <artifactId>cucumber-junit</artifactId>
  <version>4.2.0</version>

</dependency>

<!-- https://mvnrepository.com/artifact/net.masterthought/cucumber-reporting -->
<dependency>
  <groupId>net.masterthought</groupId>
  <artifactId>cucumber-reporting</artifactId>
  <version>4.2.2</version>
</dependency>

<!-- https://mvnrepository.com/artifact/io.cucumber/gherkin -->
<dependency>
  <groupId>io.cucumber</groupId>
  <artifactId>gherkin</artifactId>
  <version>5.0.0</version>
</dependency>

<!-- https://mvnrepository.com/artifact/info.cukes/cucumber-core -->
<dependency>
  <groupId>info.cukes</groupId>
  <artifactId>cucumber-core</artifactId>
  <version>1.2.5</version>
</dependency>
```