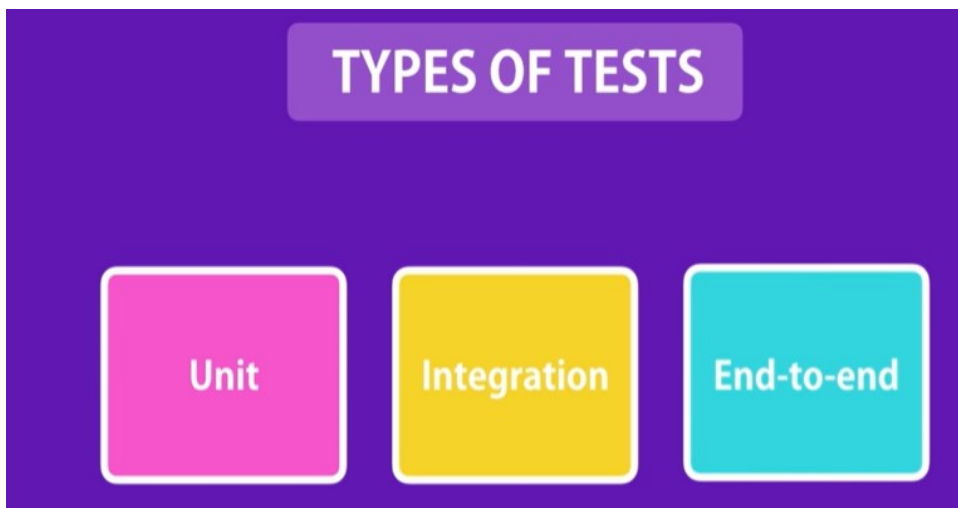


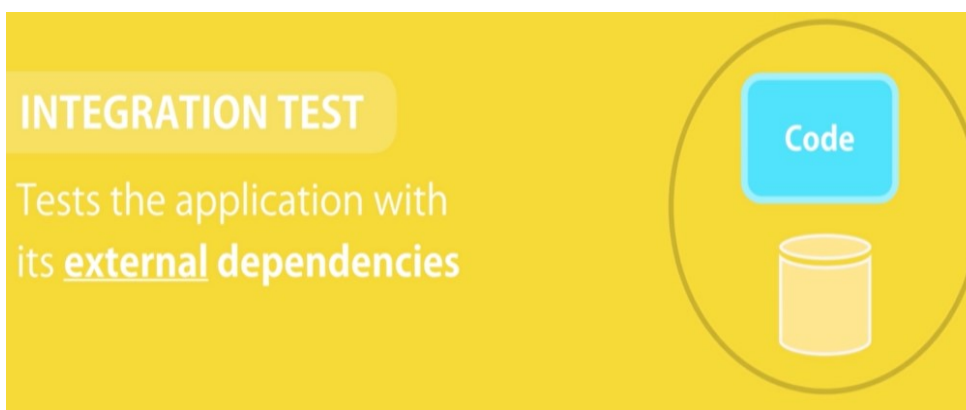
- Type of tests



- Unit tests




- Integration tests



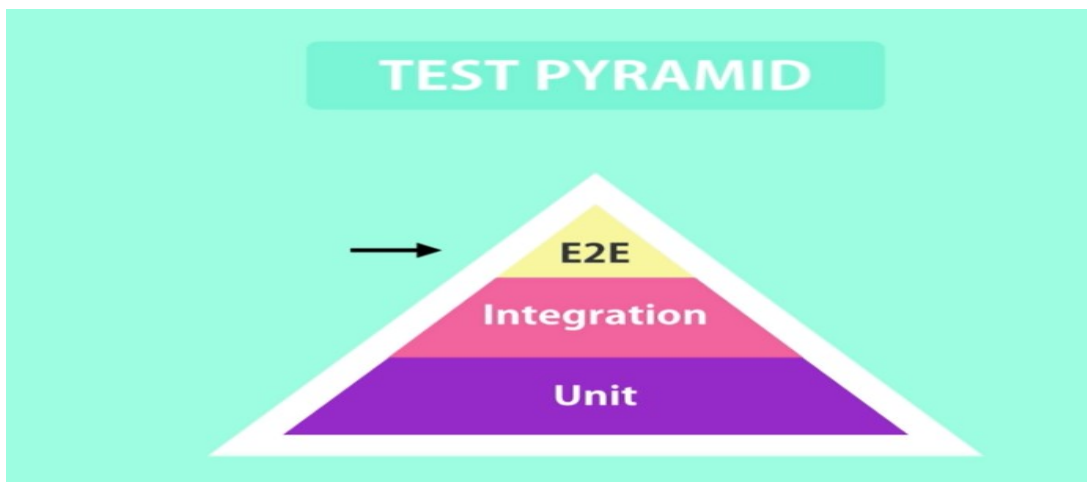
- End to end tests

END-TO-END TEST

Drives an application through its UI.



- Test pyramid



- Test method:

[Test]

```
public void MethodName_Scenario_ExpectedResult()
```

```
{
```

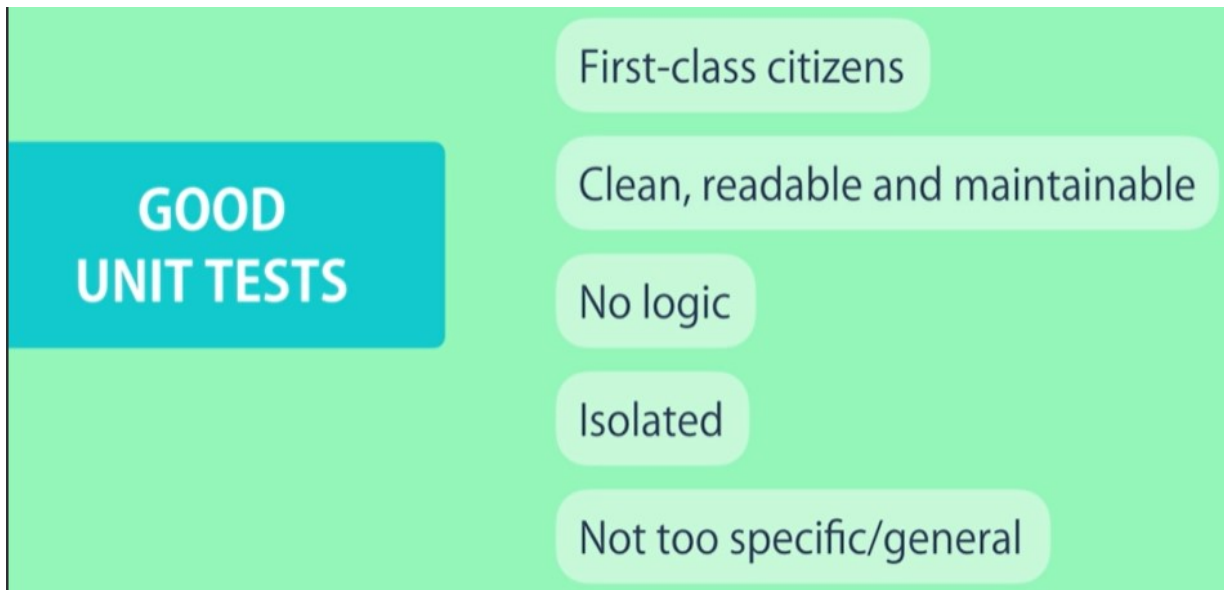
```
    // Arrange
```

```
    // Act
```

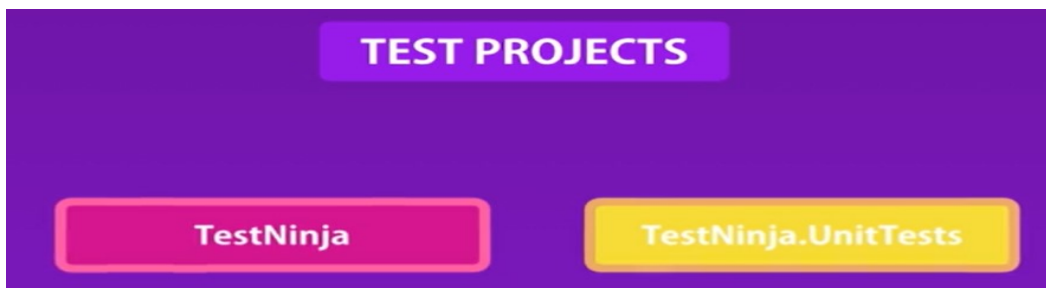
```
    // Assert
```

```
}
```

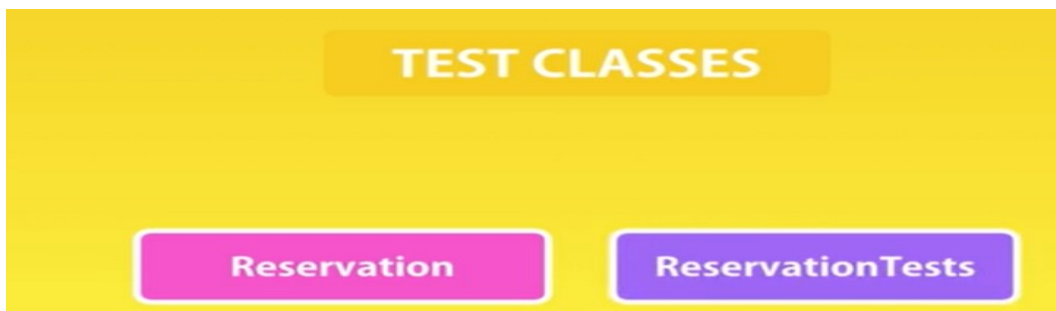
- Unit test "Golden Rules"

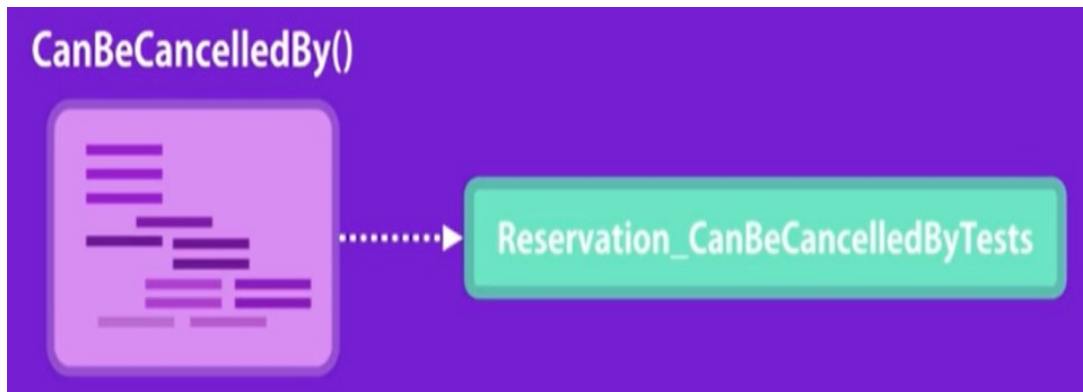


- What to test:
 - For "Query" methods, method returning a value.
Test the returned value of all execution paths.
 - For "Command" methods, methods make changes in a system.
Test the outcome of the method.
- Naming convention
 - Projects



- Classes

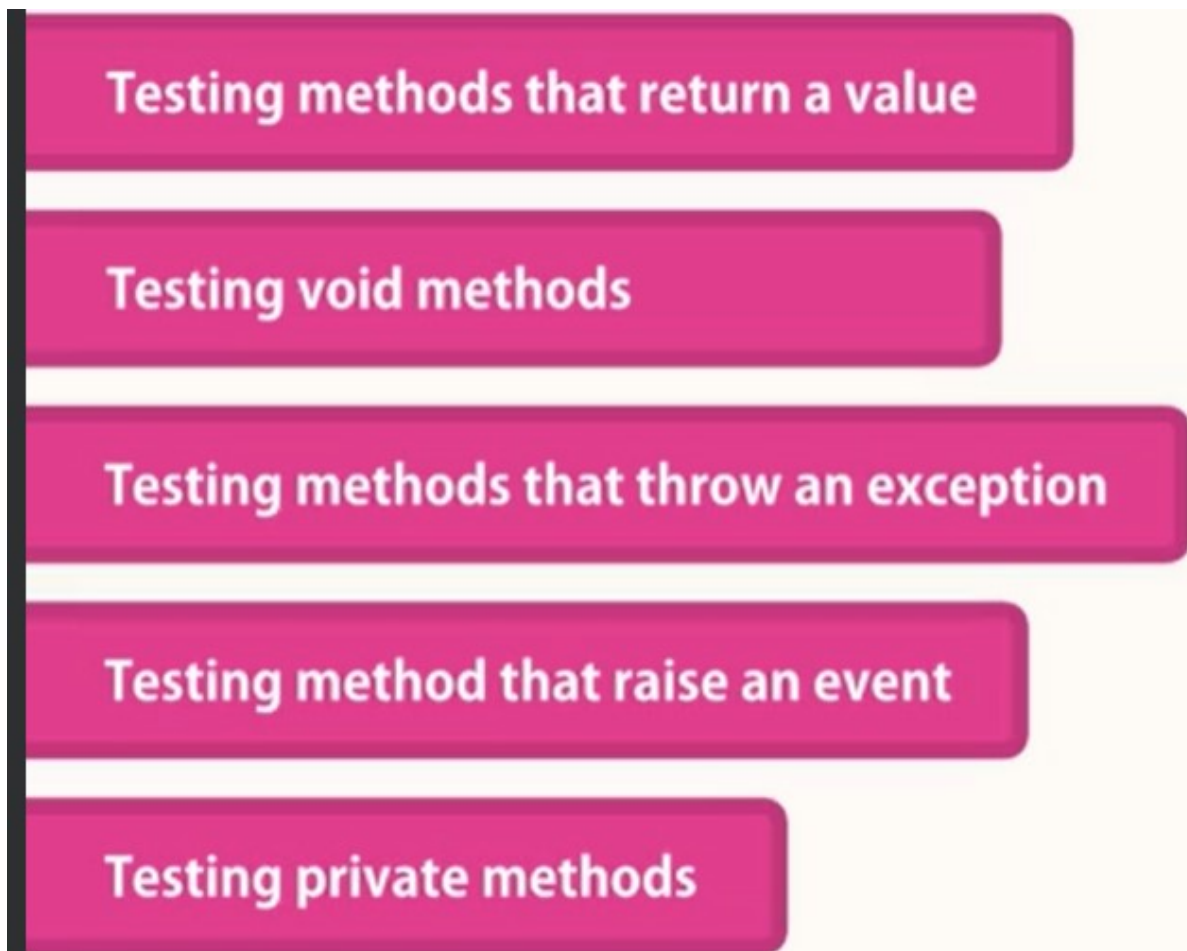




- Methods



- Testing core techniques



- Mocks

Use mocks for removing external resources from unit tests