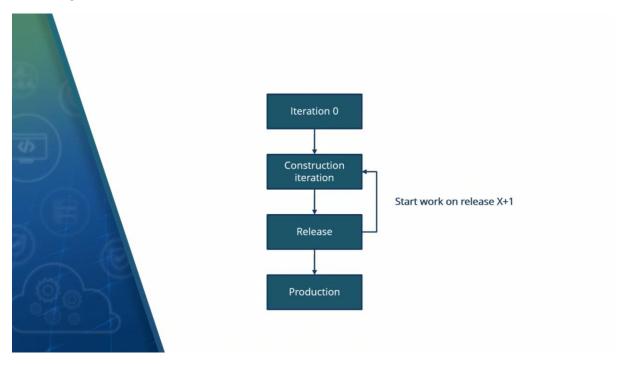




Agile testing principles

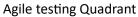


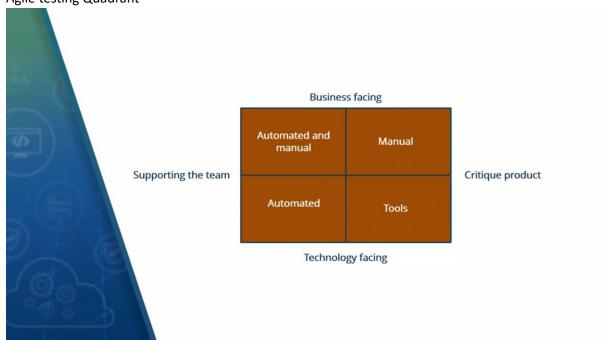
A T strategies

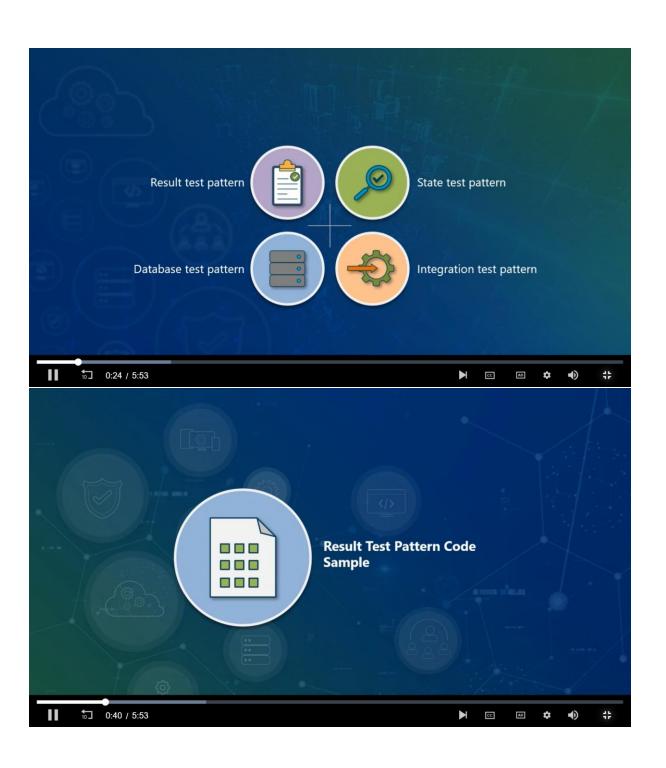


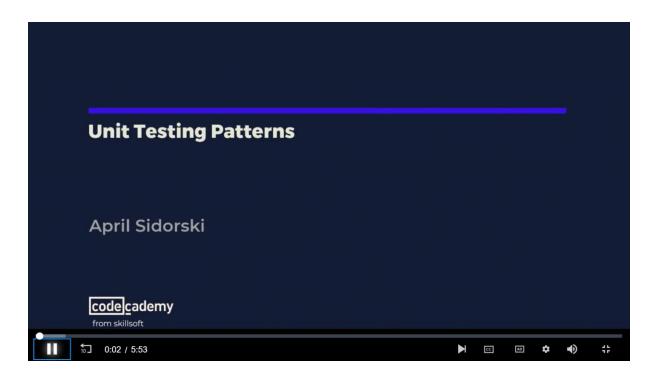
A T Plan checklist











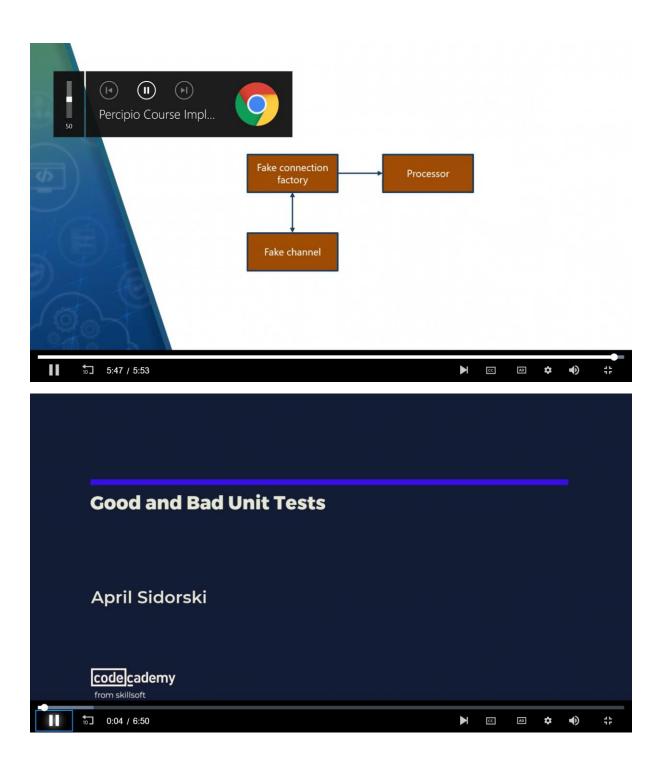
```
[Test]
public void Increment_Zero_ReturnsOne()
{
  int value = 0; // Arrange
  int result = IntegerUtils.Increment(value); //Act
  Assert.AreEqual(1, result); // Assert
}
```

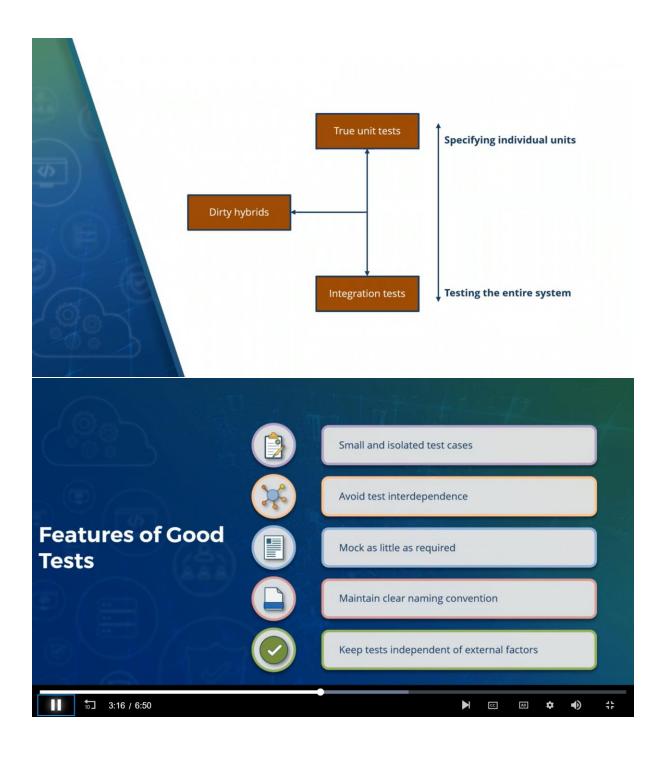


```
[Test]
public void Normalize_possitiveVector2_ResultingVectorLengthIsOne()
{
    Vector2 vector = new Vector2(5,6); // Arrange
    vector.Normalize(); // Act
    Assert.AreEqual(1,vector.Length); //Assert
}
```

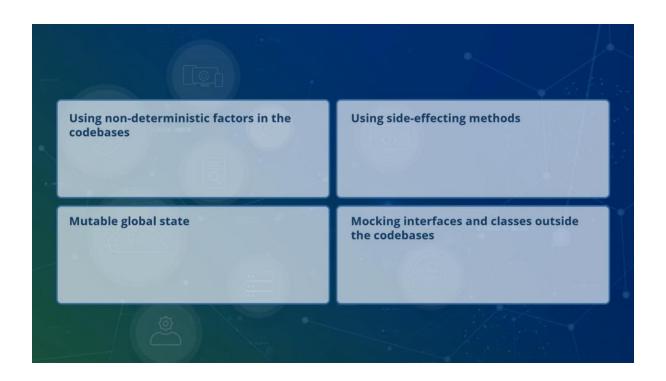


```
private readonly ISessionForErrorInstanceQuery_query = new SessionForErrorInstanceQuery();
  public override void TestFixtureSetUp()
     _context = new LightSpeedContext)"LightSpeedContext");
_unitOfWork = _context.CreateUnitOfWork();
_dpTransaction = _unitOfWork.BeginTransaction();
     var cmd = new NpqsqlCommand(
  @"INSERT INTO session VALUES(1, 1, '1', 1, 1, 1, 'US', '127.1.1.1', '2019-01-01 00:00:00.0000000'
    INSERT INTO ""user"" VALUES(1, 1, 'cody_blackwell@hotmail.com', 'cody', null,
'cody_blackwell@hotmail.com', '2019
       UnitOfWork.PrepareCommand(cmd);
       cmd.ExecuteReader();
   public void SessionIdIsCorrect()
  var sessionForCrash = _query.Execute(_unitOfWork, 1, cody_blackwell@hotmail.com, new
DataTime(2019,
    Assert.AreEqual(1, sessionForCrash.SessionId);
П
       4:36 / 5:53
                                                                                                                                         #
                                                                                                     23
                                                                                                                   AD
                                                                                                                          *
```

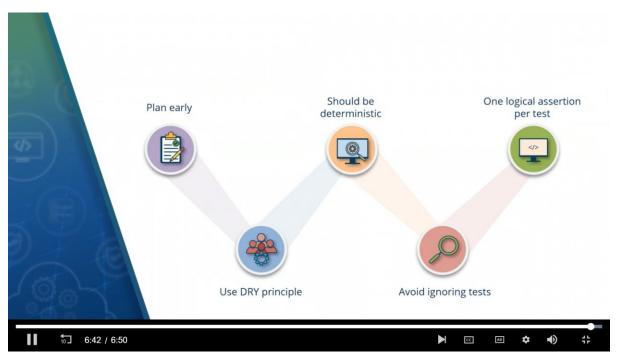




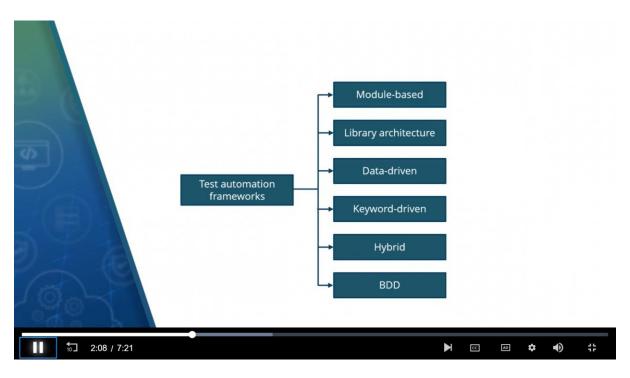
Bad unit test



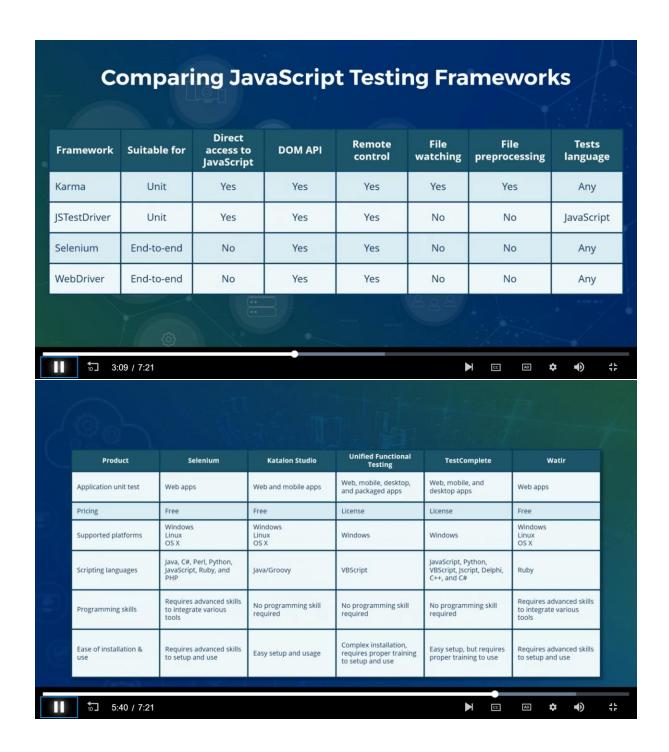
Writing good tests







	JUnit4	TestNG
Automation testing	Yes	Yes
Suite test	Yes	Yes
Ignore test	Yes	Yes
Exception test	Yes	Yes
Timeout	Yes	Yes
Parameterized test	Yes	Yes
Dependency test	No	Yes



Types of test Doubles



