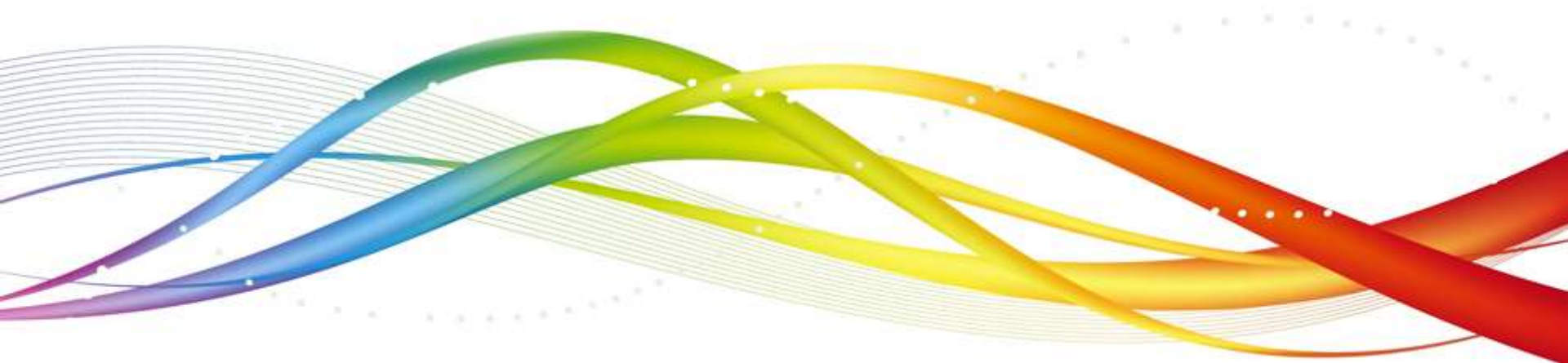




JUnit

Introduction



Agenda



Introduction to JUnit

Objectives

At the end of this module, you will be able to explain:

- Basics of JUnit

Introduction to JUnit



JUNIT

- JUnit is an open source testing framework for Java
- **JUnit test cases are Java classes that contain one or more unit test methods**
- It is a simple framework for creating automated unit tests

JUNIT

- These tests are grouped into test suites
 - JUnit tests are pass/fail tests explicitly designed to run without human intervention
 - JUnit can be integrated with several IDEs, including Eclipse
 - The JUnit distribution can be downloaded as a single jar file from <http://www.junit.org>
 - It has to be kept in the classpath of the application to be tested

Junit - an open source testing framework

- JUnit has these advantages:
- it's simple to use
- it can test a single class at a time, or a suite of tests can be created for a group of classes
- it *greatly* increases your confidence in the correctness of your code
- **it often improves the design of the class you are testing** - since you spend more time thinking about how an object is actually used, instead of its implementation, defects in its interface become more obvious.



Summary

- Introduction to JUnit



Thank You

