accenture
Latvia **ATC**

Test Automation Engineering Fundamentals: Java

Module 1:
Introduction

GROW CONFI DENTLY

Instructor **Alexander Ulyanov**

Welcome

- Instructor **Alexander Ulyanov**

- Course map:
    - 4 days of Java fundamentals
    - 1 day for exam
- Practicalities
    - Breaks each ~1h, lunch break at ~12:00

Outline

- M2 – Introduction to Java
- M3 – Language Fundamentals
- M4 – Classes and Objects
- M5 – OO Principles
- M6 – Inheritance
- M7 – Encapsulation
- M8 – Exceptions and Assertions
- M9 – Unit Testing
- M10 – Collections

Introductions

Name

Where are you from

Occupation

Your self assessment based on:

"I don't know why I'm here."

"I am a programmer (using a different programming language)."

"I am familiar with Object-Oriented Programming (OOP) concepts."

"I know how to program using Java."

"I am a Java Programmer and practice OOP."

One interesting note about yourself (e.g., a hobby or talent)

Your expectations of the school

School Approach

Teamwork

- Cooperate, coordinate, collaborate!
- Work together to complete the deliverables for the course.

Be resourceful

- Don't ask for answers or solutions, find them!
- The course environment provides all the necessary tools and materials to learn, utilize them well.

Participate

- Don't just listen to discussions, interact!
- If in doubt, ask questions to clarify.
- Spot problems and suggest alternatives or workarounds.

School Approach - Tiers of Support

Level 1 – You

- – Try to resolve the problem on your own.
- – Read documentation, try sample codes, surf the web…

Level 2 – Teammates

- – Try to resolve the problem with your teammates.
- – Consult entire team, investigate, work together to solve the problem.

Level 3 – Other Teams

- – Try to resolve problem with other teams.
- – Share tips, guides, resolutions, workarounds…

Level 4 – Faculty

- – Try to resolve problem with your faculty members.

Important References

- Java Tutorials: https://docs.oracle.com/javase/tutorial/
- Java landing page: java.oracle.com
- Java 8 documentation: http://docs.oracle.com/javase/8/

QUESTIONS