



School of Innovation,
Design and Engineering

Module I Assignment: Getting Started (INL1)

This document provides the instructions for the Module I exercise (INL1) in DVA-434. The assignment, when completed, corresponds to 0.5 credits of the 7.5 credits in the course examination. Reporting is done in either of the following two forms:

- In case you attend the first campus day of the course, you will be divided into smaller groups discussing the below questions. Each group will make a presentation of its conclusions in front of the rest of the class, according to the teacher's instructions.
- In case you do **not** attend the first campus day of the course, please send your answers to the below questions in a written individual report (no more than one normal page) to daniel.sundmark@mdh.se.

Objective

The primary objective of this assignment is for you to reflect upon how you select and create test cases, and your rationale behind choosing the test cases you choose.

The Bowling Game Score Calculator

This assignment will make use of a bowling game score calculator as the software under test. For the purpose of this assignment, you will undertake the hypothetical role of a tester for this particular piece of software, and it is your task to create appropriate test cases for it. Further, let's assume that you have a limited time budget (e.g., for test case creation or execution), and you are only allowed to create 20 individual test cases.

In order to get started with the assignment, you first need to download the specification of the software under test from the following link:

<http://www.promptedu.se/software-testing-course-homepage/bga/>

Please read the specification carefully before proceeding.

Questions and Report

Once you have read the specification, please answer the following questions:

1. Which test cases have you created/selected?
2. Why did you select these particular test cases? What was your line of reasoning behind this choice?
3. **(group exercise only)** Did you have any disagreements within your group? What was the issue discussed?