



Seminar Objectives

SSVV resume & Testing techniques

Topics



- Inspection, Testing, Symbolic execution, Model checking, Correctness
- Testing techniques – resume

Assignment 1 – 10 minutes - Discussion

Topics

- Inspection, Testing, Symbolic execution, Model checking, Correctness
- Lecture 1 to Lecture 10

Assignment 2 – 40 minutes – Testing techniques

- From - Lecture 02 – Selecting the test techniques?
 - <http://www.testingeducation.org/BBST/testdesign/BBSTTestDesign2011pfinal.pdf>
 - **Slides 67 to 72**
- **Team work (requisite A4 papers, color pencils):**
- 6 teams
 - COVERAGE-BASED TECHNIQUES FOCUS ON WHAT GETS TESTED
 - TESTER-BASED TECHNIQUES FOCUS ON WHO DOES THE TESTING
 - RISK-BASED TECHNIQUES FOCUS ON POTENTIAL PROBLEMS
 - ACTIVITY-BASED TECHNIQUES FOCUS ON HOW YOU DO THE TESTING
 - EVALUATION-BASED TECHNIQUES FOCUS ON YOUR ORACLE
 - DESIRED-RESULT TECHNIQUES FOCUS ON A SPECIFIC DECISION OR DOCUMENT
- create a A3 paper information
 - Main Focus of the techniques
 - Description/Definition
 - What it is? When it is used? Why it's useful?
 - Select 2 or 3 techniques and presents short details about them:
 - What it is? Why to apply? When to apply? How to apply?
 - Example

Assignment 3 – 40 minutes – Testing techniques

- 5 minutes presentations for each team
- 10 minutes – debriefing after all presentations

Assignment 3 – 5-10 minutes – Quiz (seminar content)