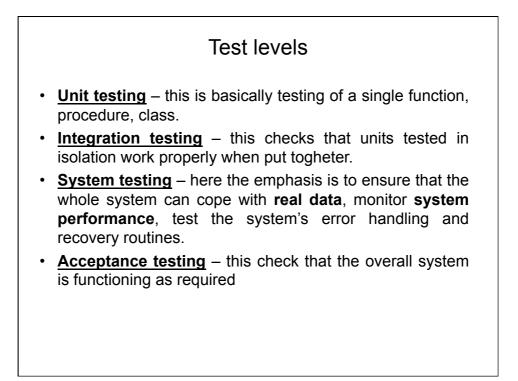
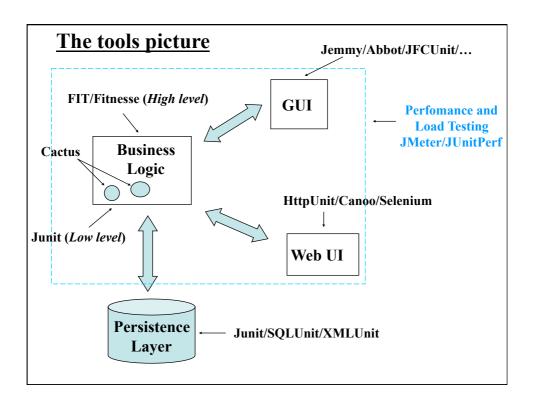
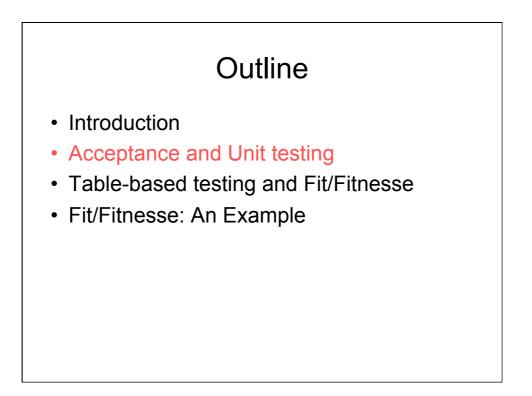
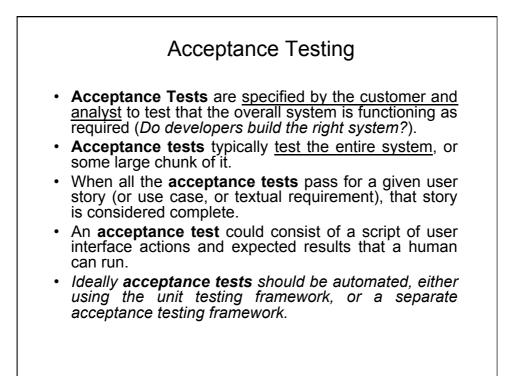


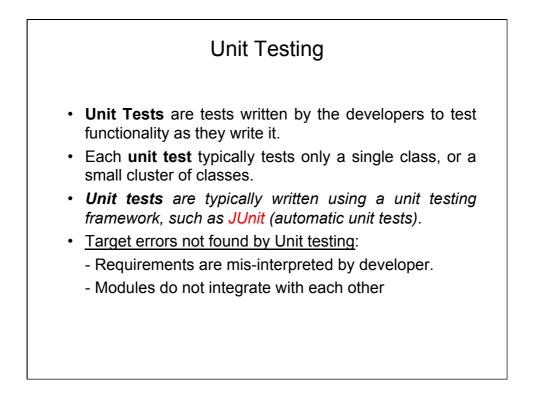
- · Each method has associated a test-case
 - the confidence of our code increases ...
- It simplifies:
 - refactoring
 - restructuring
 - maintenance
 - · the introduction of new functionalities
- Test first helps in writing the documentation
 - test cases are good "use samples"



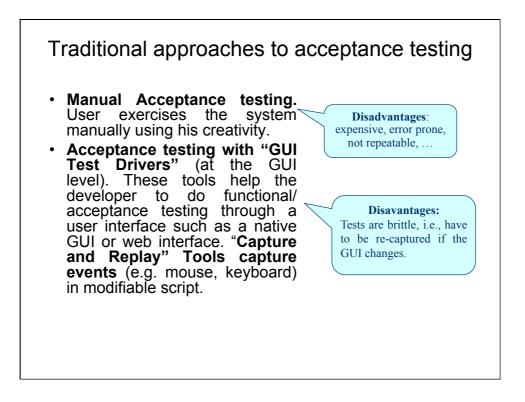






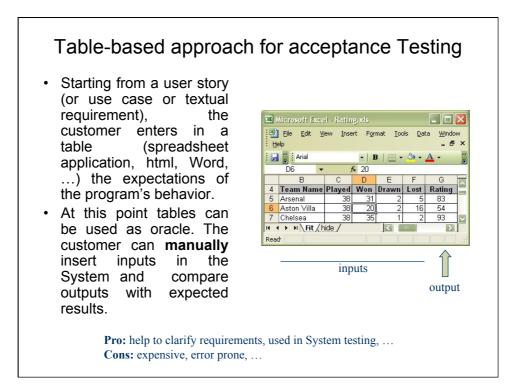


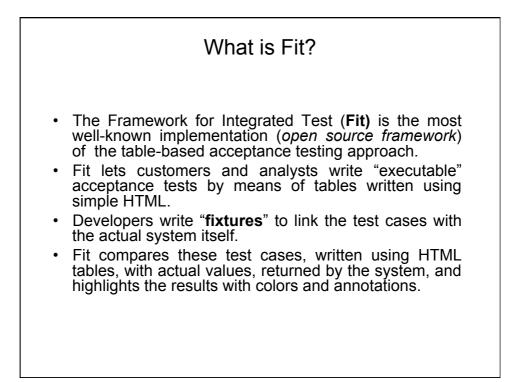
Acceptance vs. Unit Testing	
Acceptance Tests	Unit Tests
Written by Customer and Analyst.	Written by developers.
Written using an acceptance testing framework (also unit testing framework).	Written using a unit testing framework.
(extreme programming) When acceptance tests pass, stop coding. The job is done.	(extreme programming) When unit tests pass, write another test that fails.
The motivation of acceptance testing is demonstrating working functionalities.	The motivation of unit testing is finding faults.
Used to verify that the implementation is complete and correct. Used for Integration, System, and regression testing. Used to indicate the progress in the development phase. (Usually as %). Used as a contract. Used for documentation (high level)	Used to find faults in individual modules or units (individual programs, functions, procedures, web pages, menus, classes,) of source code. Used for documentation (low level)
Written before the development and executed after.	Written and executed during the development.
Starting point: User stories, User needs, Use Cases, Textual Requirements, (the whole system)	Starting point: new capability (to add a new module/function or class/method) (the unit)

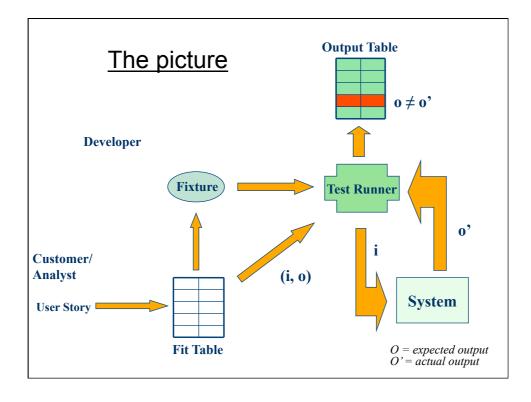


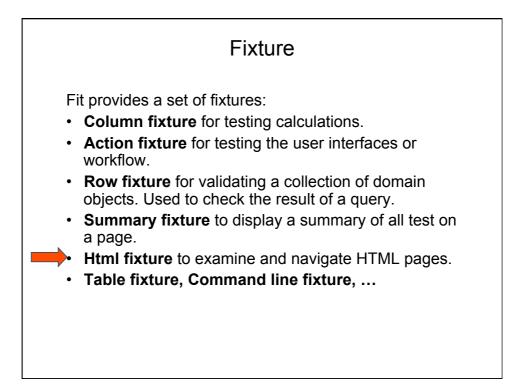
Outline

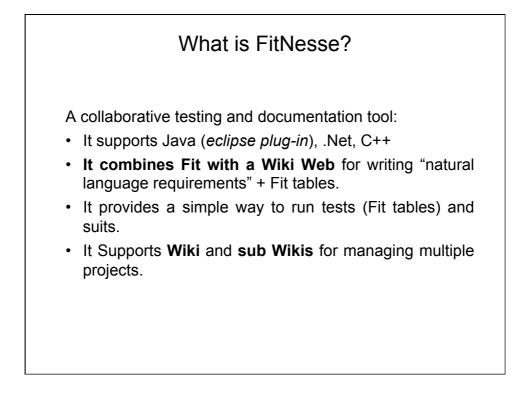
- Introduction
- Acceptance and Unit testing
- Table-based testing and Fit/Fitnesse
- Fit/Fitnesse: An Example

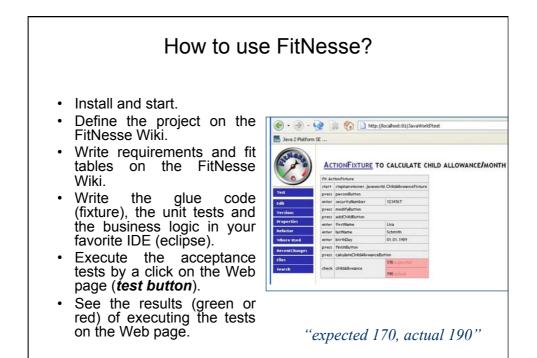


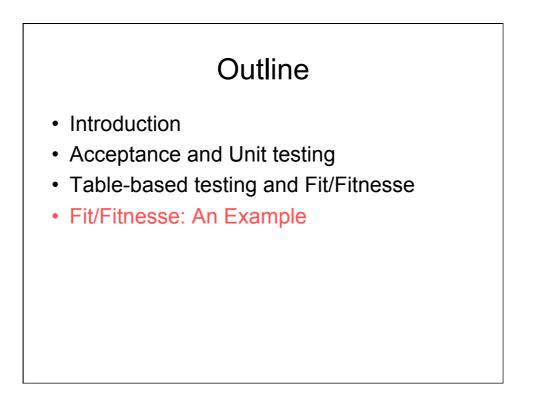


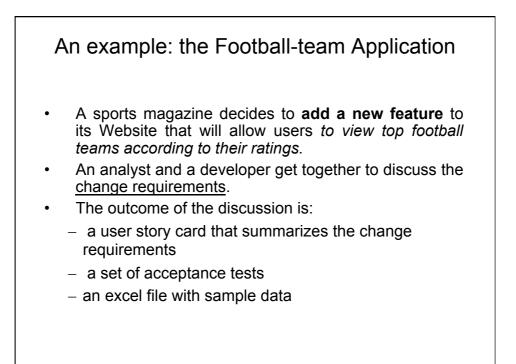


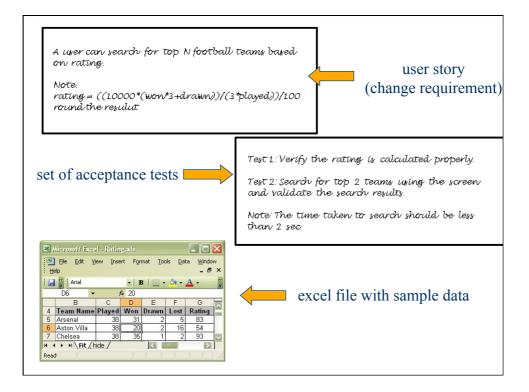












```
The domain object representing a football team
package sport.businessObjects;
public class Team {
   public String name;
   public int played;
   public int won;
   public int drawn;
   public int lost;
   public int rating;
   public Team(String name, int ply, int won, int drawn, int lst) {
     super();
     this.name = name;
     this.played = played;
     this.won = won;
     this.drawn = drawn;
     this.lost = lost:
     calculateRating();
   }
  private void calculateRating() {
     float value = ((10000f*(won*3+drawn))/(3*played))/100;
     rating = Math.round(value);
  ł
}
```

