**115**

**5 stages of waterfall:** Requirements, design, implementation, verification, maintenance

**Roles of waterfall:** project manager(All), client(requirements), developer(implementation, maintenance), designer(design), architect(design), quality assurance(verification), Business Analyst(requirements, verification)

**Agile steps:** Requirements, Test, design, implementation, maintenance

**Roles of Agile:** Product Owner, Project Manager, Everyone Else(everyone is involved with all)

**Sprint/iteration**: Predefined amount of time to work on a portion of the project.

Kanban:

Backlog:

User Story:

Burndown+velocity:

**Estimation (points vs Ideal days):** point (1,2,3,4,5,8) 2 ideal days > 16hrs of work > 4 real hrs. = 4 real days

**110 JavaScript**

**Numerical operators**: +, -, \*, /, %

**Numerical comparison:** ==, === (no type coercion), >, <, <=, >=, !=, !==  
**Logical operators**: &&, ||, !

**typeOf:** typeOf 2 //> “number”

**Four types of testing:** End to End (bot that works through workflow process), static (linter), unit (take unit of code and make sure it works), integration (two blocks of code fitting together)

**Testing pyramid:** static(base)integration(middle)end to end(top)