

Unix Scripting

Lecturer: Shahdad Shariatmadari

August 2020

Agenda

- Review
- Exam format
- Assignment 3 review

We learned the following important topics

- Introduction to Scripting;
 - if Statement; Testing Conditions
 - Redirection
 - Looping
 - Regular Expressions; grep; sed; awk
- Advanced topics
 - Terminal Handling; case; select
 - Signals; Functions
 - Arrays; Option Parsing
 - Named Pipes; Process Substitution; Advanced Permissions
 - Variable Expansion; Shell Expansion; Shell Startup; alias, Odds and Ends

Final Exam covers:

- Unix
 - Basic Unix, permission
 - Redirection
 - File descriptor
 - Regular expression,
 - Filters (sed, awk, grep)
 - Signals
 - Terminal handling
 - Named pipe
 - Expansion (variable, shell, parameter)
- Bash Scripting
 - Variable
 - Array
 - Shell Arithmetic
 - Control structure
 - If, test,
 - Loops
 - Case
 - Function
 - Option processing

Final Exam

- Final Exam on August 14
- It has two parts:
 - Theory questions: (short answer questions)
 - Practical questions (programming questions)