UNIX
Lesson 00:

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People matter, results count.

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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
	1.0	UNIX	Veena Deshpande	
30-Sep-2009	1.1	UNIX	Kishori Khadilkar	Revamped with new methodology
14-Oct-2009	1.1	UNIX	CLS team	Review
08-Jun-2011	1.2	UNIX	Rathnajothi Perumalsamy	Revamp/Refinement

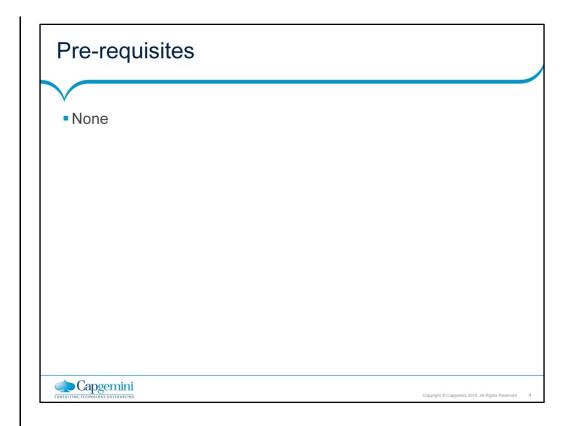Capgemini
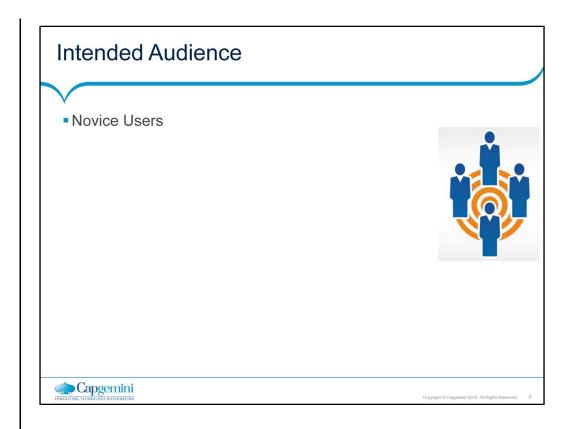CONSULTING.TECHNOLOGY.OUTSOURCING

Course Goals and Non Goals

- Course Goals
  - To understand UNIX operating system, Shell commands, Introduction to Processes, Writing simple shell scripts
- Course Non Goals
  - NA

Pre-requisites

▪ None

Intended Audience

- Novice Users

Day Wise Schedule

- Day 1
  - Lesson 1: Introduction to UNIX and Basic UNIX commands
  - Lesson 2: UNIX file system
  - Lesson 3: Filters

- Day 2:
  - Lesson 3: Filters (contd..)
  - Lesson 4: Introduction to Bourne Shell
  - Lesson 5: Vi Editor

- Day 3:
  - Lesson 6: Processes and related commands
  - Lesson 7: AWK

Day Wise Schedule

- Day 4:
  - Lesson 7: AWK (contd..)
  - Lesson 8: Shell Programming

- Day 5
  - Lesson 8: Shell Programming(contd..)
  - Lesson 9: Source Code Control System

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Table of Contents

- Lesson 1: Introduction to UNIX Operating System and Basic UNIX commands
  - 1.1: Operating System
  - 1.2: Basic UNIX Commands

- Lesson 2: UNIX File System
  - 2.1: File System
  - 2.2: File Types
  - 2.3: File Permissions
  - 2.4: File Related Commands

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- Lesson 3 : Filters
  - 3.1: Simple Filters
  - 3.2: Advanced Filters

- Lesson 4: Introduction to Bourne Shell
  - 4.1: Shell types
  - 4.2: Working of shell
  - 4.3: Metacharacter
  - 4.4: Shell redirections
  - 4.5: Command substitution

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- Lesson 7: AWK Programming
  - 7.1: Advanced Filter - awk
  - 7.2: AWK variables
  - 7.3: AWK
  - 7.4: Logical and Relational operators
  - 7.5: Advanced Filter - awk
  - 7.6: Number Processing
  - 7.7: awk Command
  - 7.8: BEGIN and END
  - 7.9: Positional parameters and shell variable
  - 7.10: Built in functions - numeric
  - 7.11: If construct in AWK
  - 7.12: Pattern Matching

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- Lesson 8 : Shell Programming
  - 8.1: Shell Variables
  - 8.2: Environmental Variables
  - 8.3: Shell script Commands
  - 8.4: Arithmetic Operations
  - 8.5: Command Substitution
  - 8.6: Command Line Arguments
  - 8.7: Conditional Execution
  - 8.8:Calling PL/SQL block(procedure, function) from UNIX

Other Parallel Technology Areas

- Windows OS