Spring 2024

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Registration No: **22pwsce2144**

Class Section: **A**

"On my honor, as student of University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work."

Submitted to:

Engr. Abdullah Hamid

15 March 2024

Department of Computer Systems Engineering

University of Engineering and Technology, Peshawar

LAB 2: SHELL Programming (Part I)

Objectives:

The aim of this laboratory is to learn and practice SHELL scripts by writing small SHELL programs.

The following are the primary objectives of this lab session:

- Understanding what a SHELL script.
- What is a SHELL script.
- Different kinds of SHELLs in UNIX.
- Why and where it is used.
- First simple SHELL script
- SHELL variables.
- User defined variables.
- System variables.
- Read only variables and wiping out variables.
- Assigning values to variables.
- Reading input

Example 01:

Commands:

SSH File

Example 02:

Commands:

SSH File:

Example 03:

Commands:

SSH File:

Example 04:

Commands:

SSH File:

Example 05:

Commands:

SSH File:

CSE 302L: Operating Systems Lab

LAB ASSESSMENT RUBRICS

Marking Criteria	Exceeds expectation (2.5)	Meets expectation (1.5)	Does not meet expectation (0)	Score
1. Correctness	Program compiles (no errors and no warnings). Program always works correctly and meets the specification(s). Completed between 81-100% of the requirements.	Program compiles (no errors and some warnings). Some details of the program specification are violated, program functions incorrectly for some inputs. Completed between 41-80% of the requirements.	Program fails to or compile with lots of warnings. Program only functions correctly in very limited cases or not at all. Completed less than 40% of the requirements.	
2. Delivery	Delivered on time, and in correct format (disk, email, hard copy etc.)	Not delivered on time, or slightly incorrect format.	Not delivered on time or not in correct format.	
3. Coding Standards	Proper indentation, whitespace, line length, wrapping, comments and references.	Missing some of whitespace, line length, wrapping, comments or references.	Poor use of whitespace, line length, wrapping, comments and references.	
4. Presentation of document	Includes name, date, and assignment title. Task titles, objectives, output screenshots included and good formatting and excellently organized.	Includes name, date, and assignment title. Task titles, objectives, output screenshots included and good formatting.	No name, date, or assignment title included. No task titles, no objectives, no output screenshots, poor formatting.	

Instructor:

Name: Engr. Abdullah Hamid Signature: _____