Bahria University,

Karachi Campus



Course: CSL 320 Operating systems Lab

Term: Spring 2022, Class: BSE- 4(B)

Submitted By:

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(Name) (Reg. No.)

Submitted To:

Sir Rizwan Fazal/Engr. Rahemeen

Signed Remarks: Score:

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| SNO | DATE | LAB NO | LAB OBJECTIVE | SIGN |
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Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

1

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | **Write a shell script to count all files and folders present in directory and stored the output into a text file and display its content on the terminal.** |
| 2 |  |
| 3 | **Write a shell script that either performs a file sort,file search or directory listing operation based on the user’s selection of the operation he/she would like to execute.** |
| 4 | **Write a C program that takes values of two matrices of size (𝑚×1) and (1×𝑛) as input from the user. Multiply the above two matrixes and store the resulting (𝑚×𝑛) matrix in a 2D array. Display the contents of the first and second matrices and also the resulting matrix. Achieve alignment in the displayed content as much possible.** |
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Submitted On:

(Date: //)

**LAB # 01**

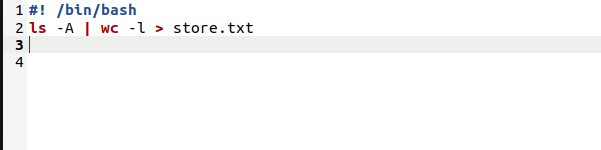
**Task # 01:**

**Write a shell script to count all files and folders present in directory and stored the output into a text file and display its content on the terminal.**

**Solution:**

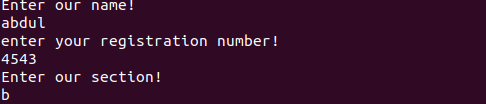
****

**Output:**

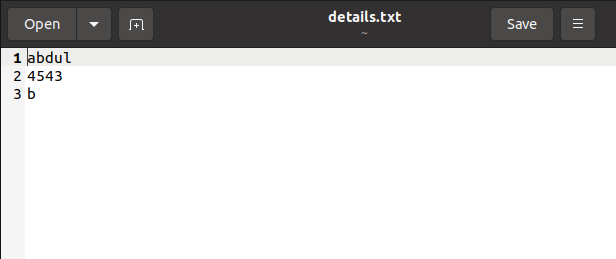
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**Task #02:**

**Solution:**

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**Output:**

****

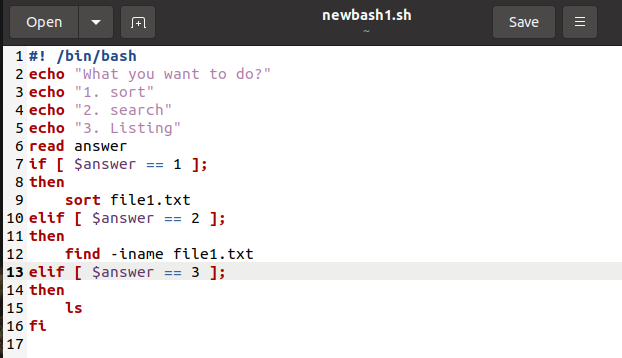
**Task #03:**

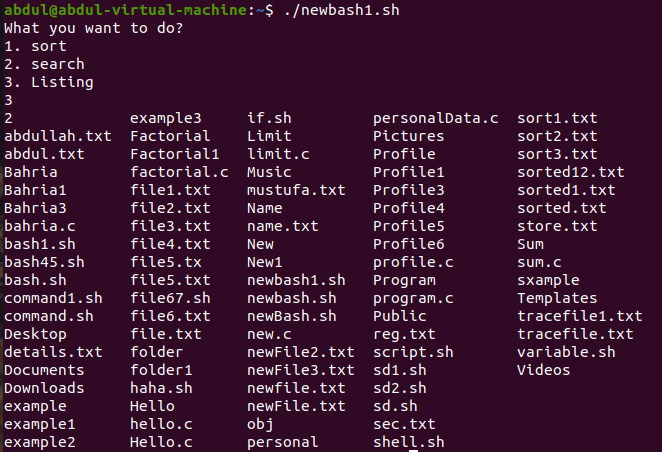
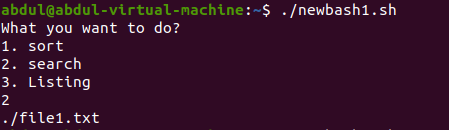
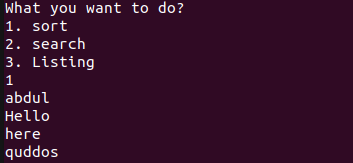
**Write a shell script that either performs a file sort,file search or directory listing operation based on the user’s selection of the operation he/she would like to execute.**

**Solution:**

****

**Output:**

****

** Task4: Write a C program that takes values of two matrices of size (𝑚×1) and (1×𝑛) as input from the user. Multiply the above two matrixes and store the resulting (𝑚×𝑛) matrix in a 2D array. Display the contents of the first and second matrices and also the resulting matrix. Achieve alignment in the displayed content as much possible.**

**Code:**





**Output:**

