Usman Institute of Technology

Department of Computer Science Fall 2022

Name: Muhammad Waleed

Roll no: 20B-115-SE

Course: Operating Systems (CS312)
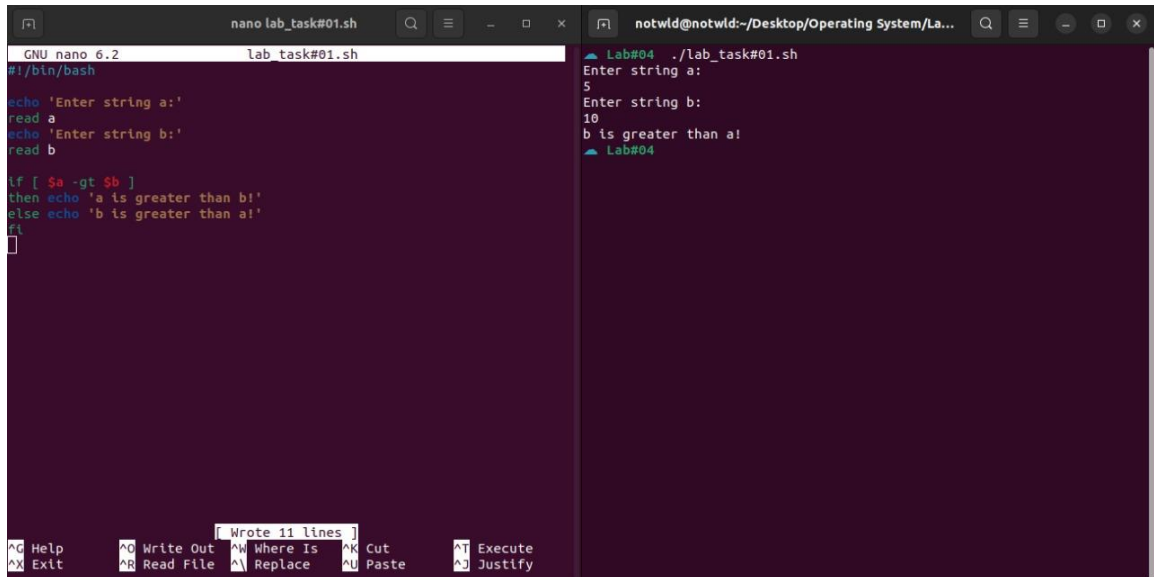
Course Instructor: Ma'am Shabina Mushtaq

Date: 3-Nov-2022

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20b-115-se
Operating Systems
Lab#04

Lab Tasks:

1. Write a script that takes two strings as input compares them and depending upon the results of the comparison prints the results.
   The user may provide input to the Bash script using read var
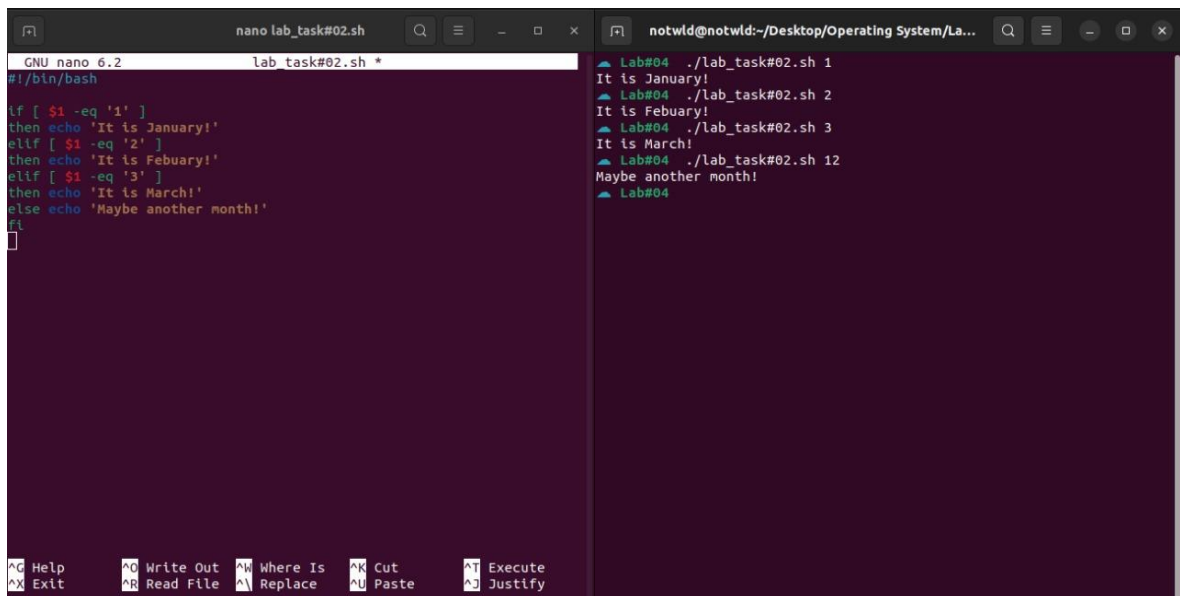
2. Write a script that takes a number (parameter) from 1-3 as input and uses case to display the name of corresponding month.
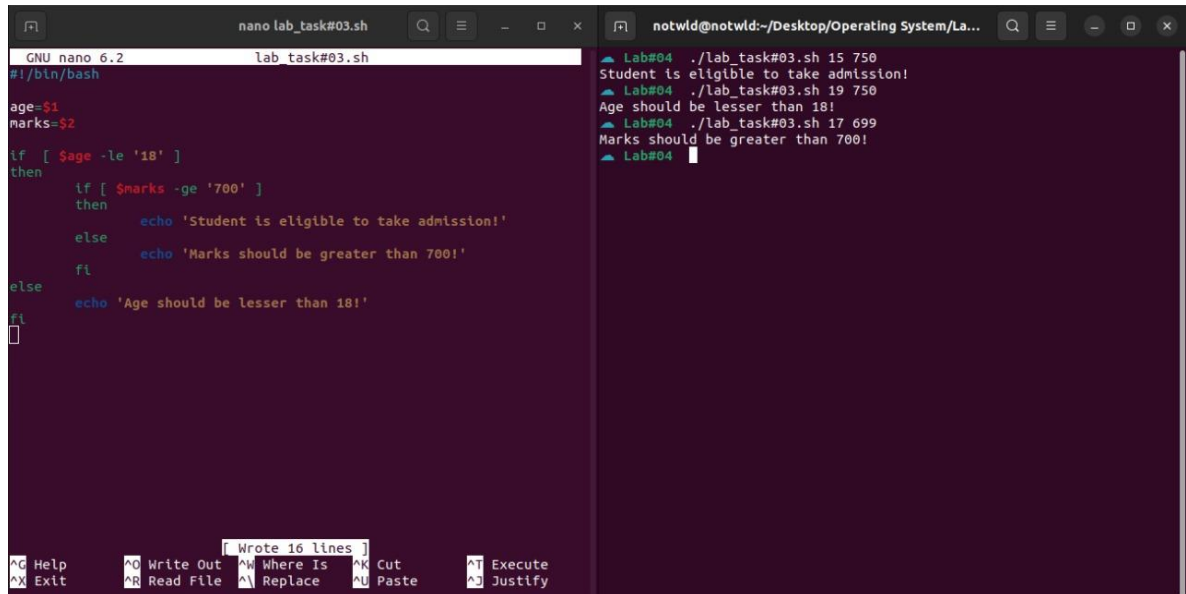
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3. Write a script that takes command-line argument for age and marks and decide whether student is eligible for admission or not. Eligibility Criteria: Age should be lesser than 18 and marks should be greater than 700

```bash
#!/bin/bash

age=$1
marks=$2

if [ $age -le '18' ]
then
        if [ $marks -ge '700' ]
        then
                echo 'Student is eligible to take admission!'
        else
                echo 'Marks should be greater than 700!'
        fi
else
        echo 'Age should be lesser than 18!'
fi
```

```
Lab#04   ./lab_task#03.sh 15 750
Student is eligible to take admission!
Lab#04   ./lab_task#03.sh 19 750
Age should be lesser than 18!
Lab#04   ./lab_task#03.sh 17 699
Marks should be greater than 700!
Lab#04
```