RIPHAH INTERNATIONAL UNIVERSITY

Operating System

Lab 10

Submitted By:

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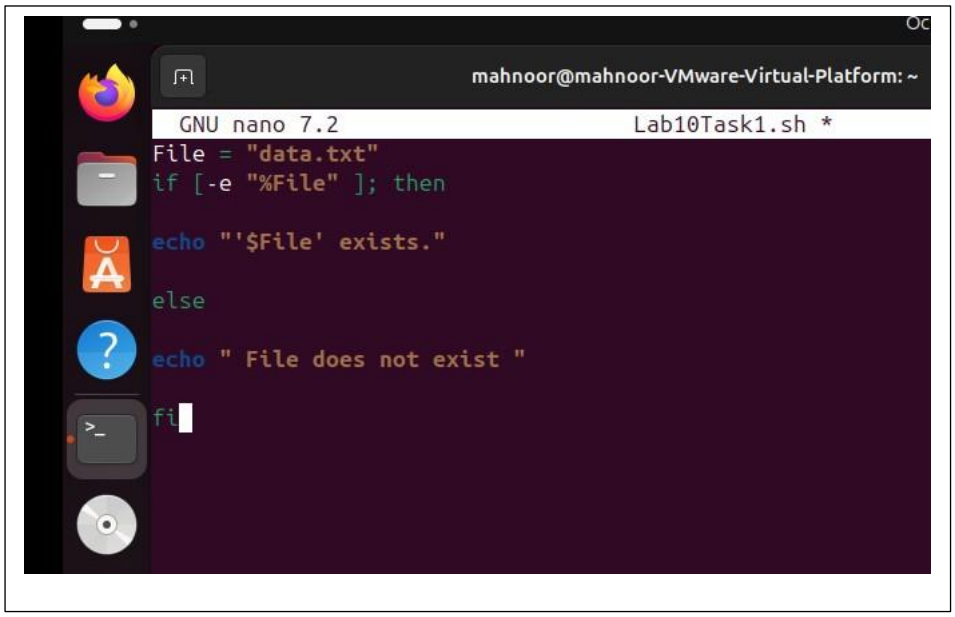
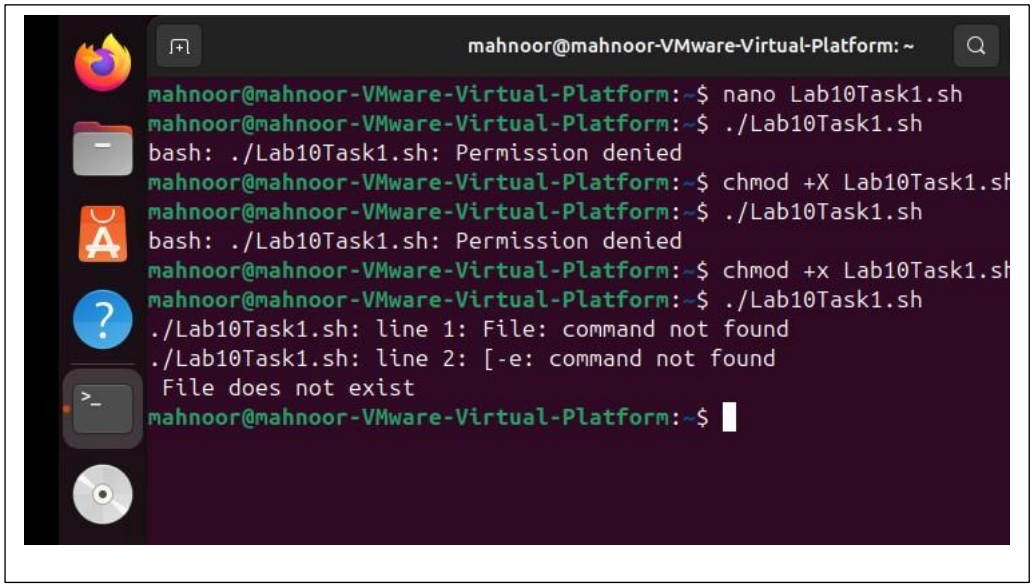
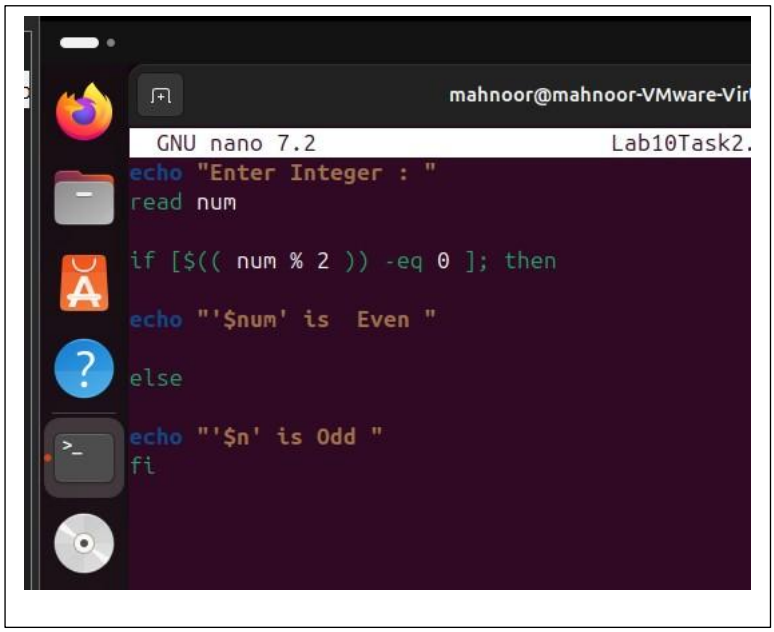
BSCS-5

Task 1:


mahnoor@mahnoor-VMware-Virtual-Platform: ~
GNU nano 7.2 Lab10Task1.sh *
File = "data.txt"
if [-e "%File"]; then
echo "'$File' exists."
else
echo " File does not exist "
fi

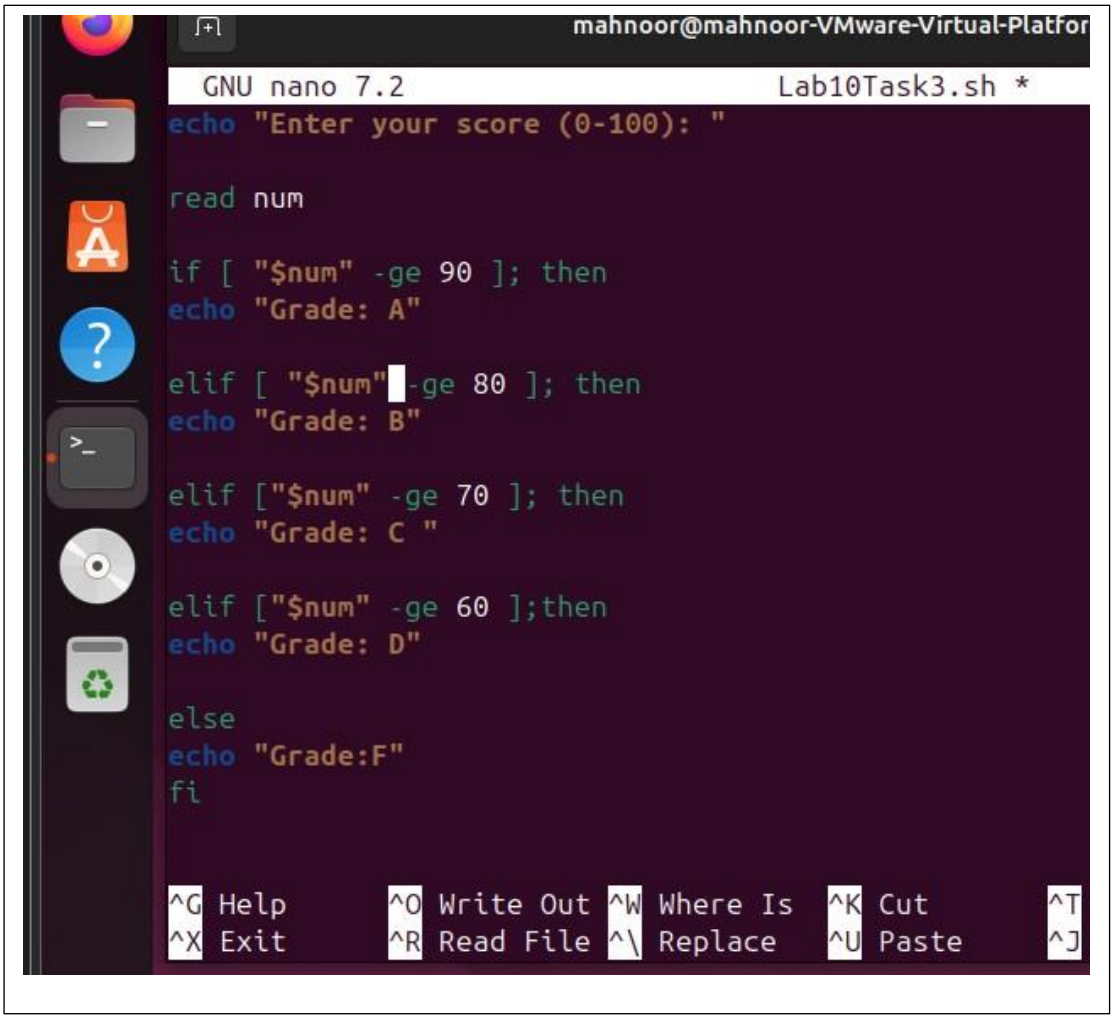

mahnoor@mahnoor-VMware-Virtual-Platform: ~
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano Lab10Task1.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./Lab10Task1.sh
bash: ./Lab10Task1.sh: Permission denied
mahnoor@mahnoor-VMware-Virtual-Platform:~$ chmod +X Lab10Task1.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./Lab10Task1.sh
bash: ./Lab10Task1.sh: Permission denied
mahnoor@mahnoor-VMware-Virtual-Platform:~$ chmod +x Lab10Task1.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./Lab10Task1.sh
./Lab10Task1.sh: line 1: File: command not found
./Lab10Task1.sh: line 2: [-e: command not found
File does not exist
mahnoor@mahnoor-VMware-Virtual-Platform:~$

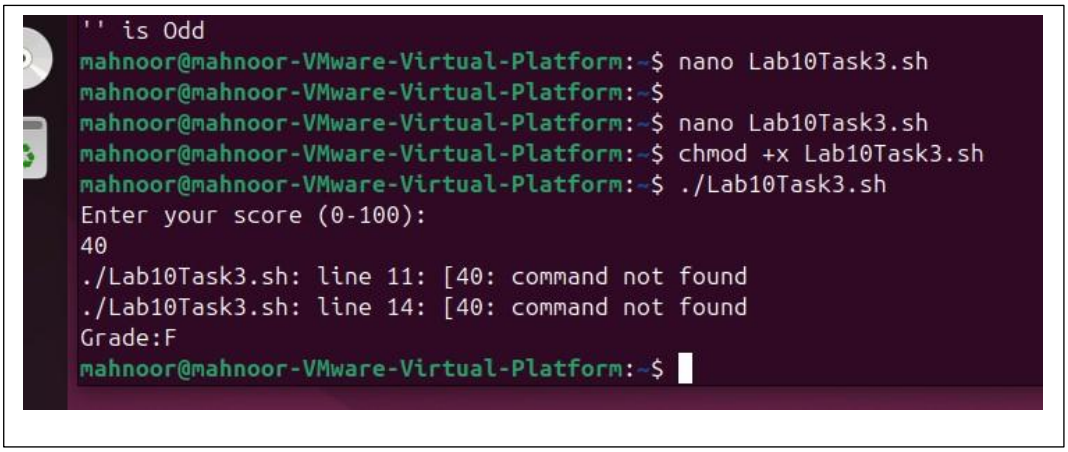
Task 2:


mahnoor@mahnoor-VMware-Vir
GNU nano 7.2 Lab10Task2.
echo "Enter Integer : "
read num
if [$((num % 2)) -eq 0]; then
echo "'$num' is Even "
else
echo "'$n' is Odd "
fi

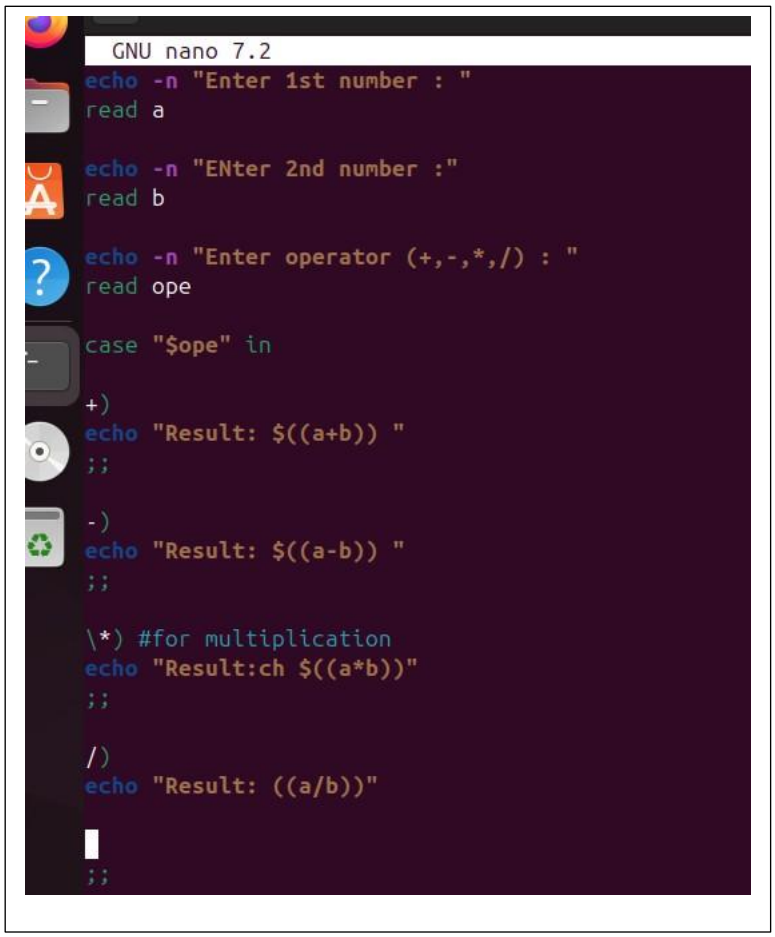
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano Lab10Task2.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ chmod +x Lab10Task2.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./Lab10Task2.sh
Enter Integer :
3
./Lab10Task2.sh: line 4: [1: command not found
'' is Odd
mahnoor@mahnoor-VMware-Virtual-Platform:~$

Task 3:

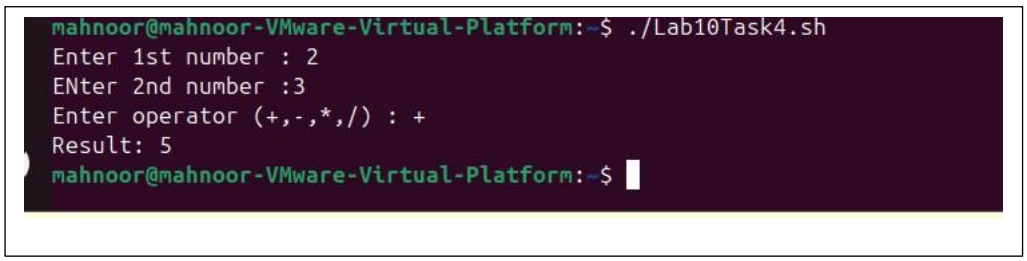

mahnoor@mahnoor-VMware-Virtual-Platfor
GNU nano 7.2 Lab10Task3.sh *
echo "Enter your score (0-100): "
read num
if ["$num" -ge 90]; then
echo "Grade: A"
elif ["$num" -ge 80]; then
echo "Grade: B"
elif ["$num" -ge 70]; then
echo "Grade: C "
elif ["$num" -ge 60];then
echo "Grade: D"
else
echo "Grade:F"
fi
^G Help ^O Write Out ^W Where Is ^K Cut ^T
^X Exit ^R Read File ^\ Replace ^U Paste ^J


'' is Odd
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano Lab10Task3.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$
mahnoor@mahnoor-VMware-Virtual-Platform:~$ nano Lab10Task3.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ chmod +x Lab10Task3.sh
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./Lab10Task3.sh
Enter your score (0-100):
40
./Lab10Task3.sh: line 11: [40: command not found
./Lab10Task3.sh: line 14: [40: command not found
Grade:F
mahnoor@mahnoor-VMware-Virtual-Platform:~$

Task 4:



```
 GNU nano 7.2
echo -n "Enter 1st number : "
read a

echo -n "ENter 2nd number :"
read b

echo -n "Enter operator (+,-,*,/) : "
read ope

case "$ope" in

+)
echo "Result: $((a+b)) "
;;

-)
echo "Result: $((a-b)) "
;;

\*) #for multiplication
echo "Result:ch $((a*b))"
;;

/)
echo "Result: ((a/b))"

;;
```



```
mahnoor@mahnoor-VMware-Virtual-Platform:~$ ./Lab10Task4.sh
Enter 1st number : 2
ENter 2nd number :3
Enter operator (+,-,*,/) : +
Result: 5
mahnoor@mahnoor-VMware-Virtual-Platform:~$
```