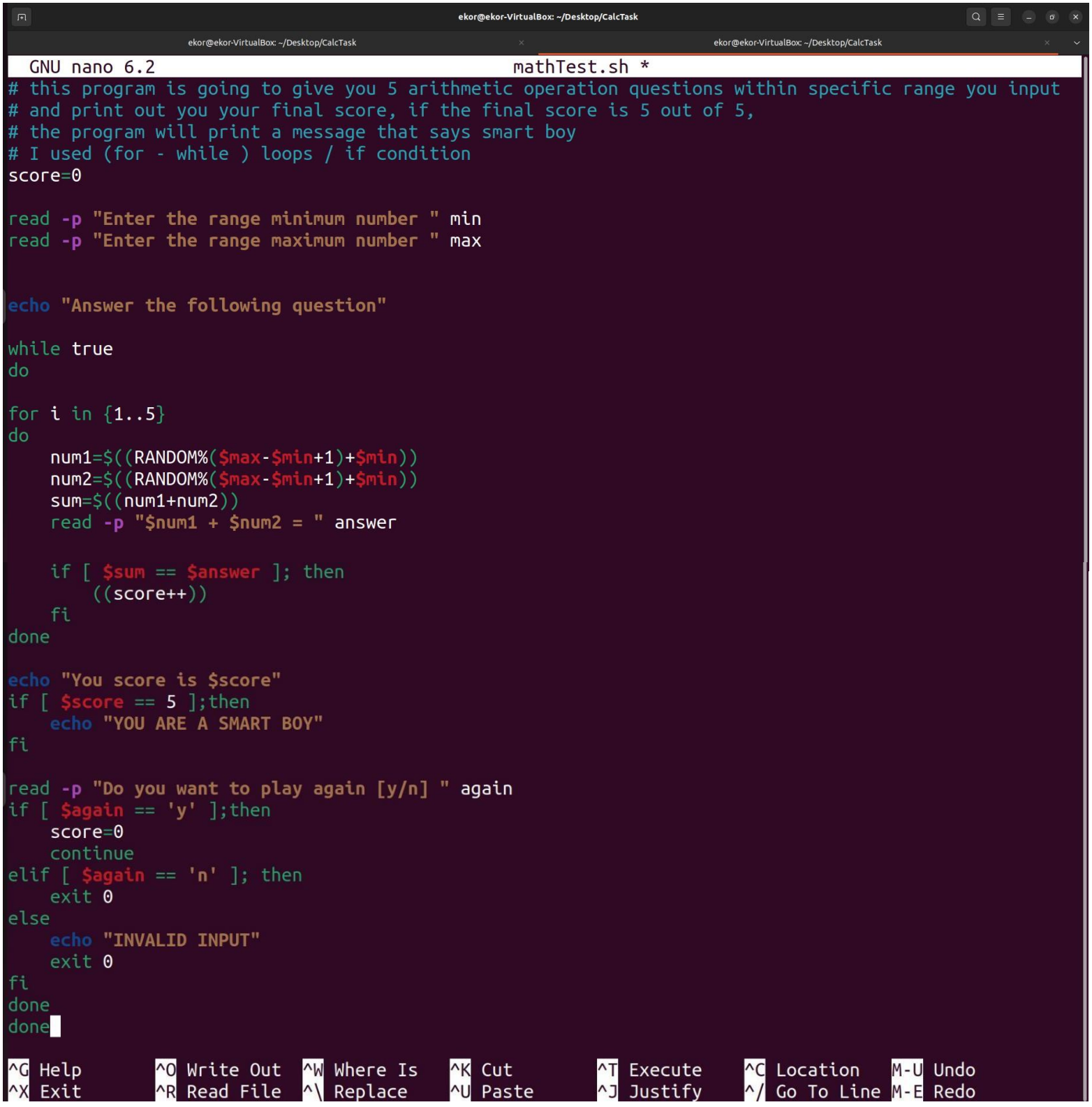
Linux

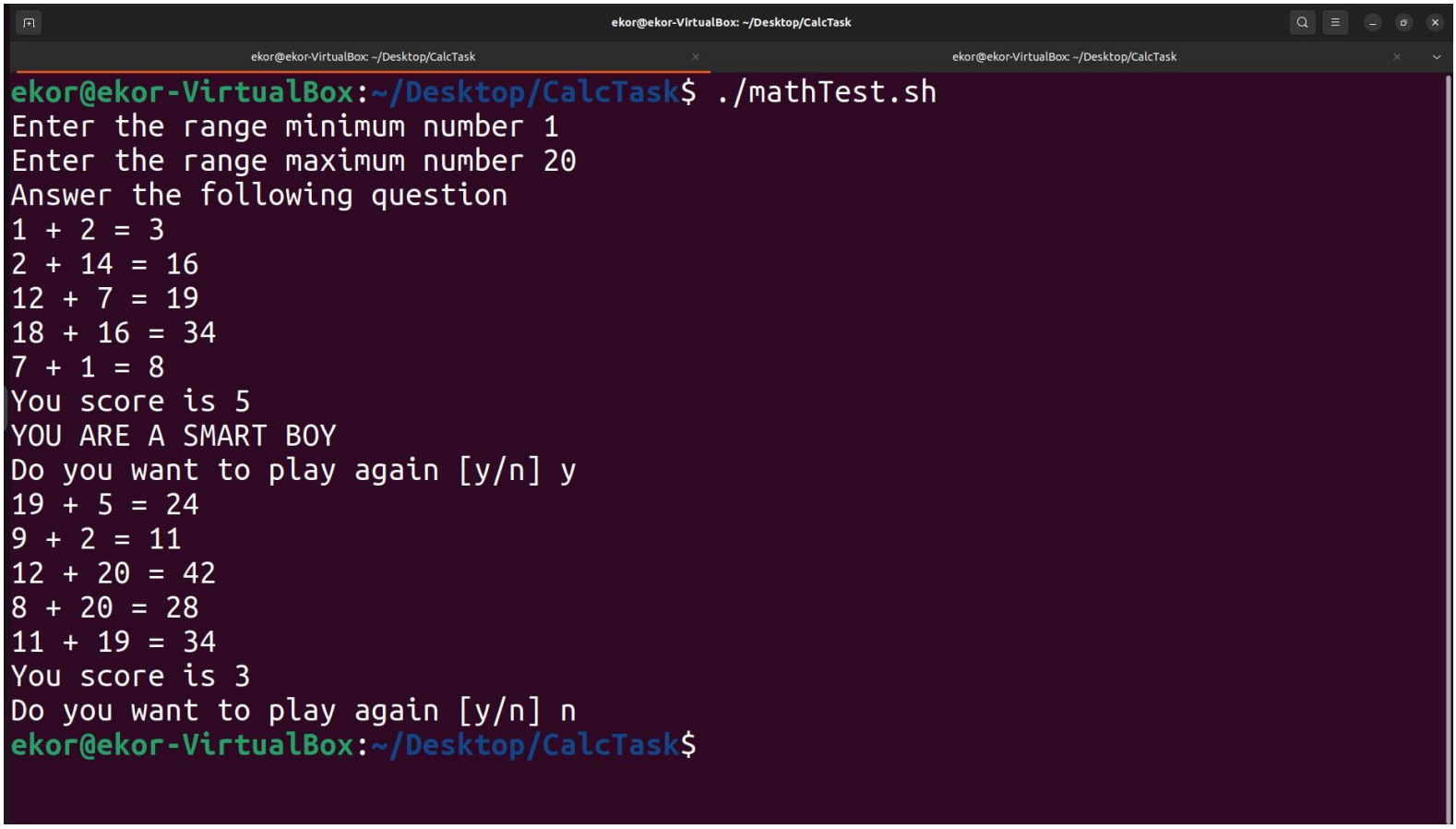
LECTURE 7 TASK

إسلام محمد عطية

20220126

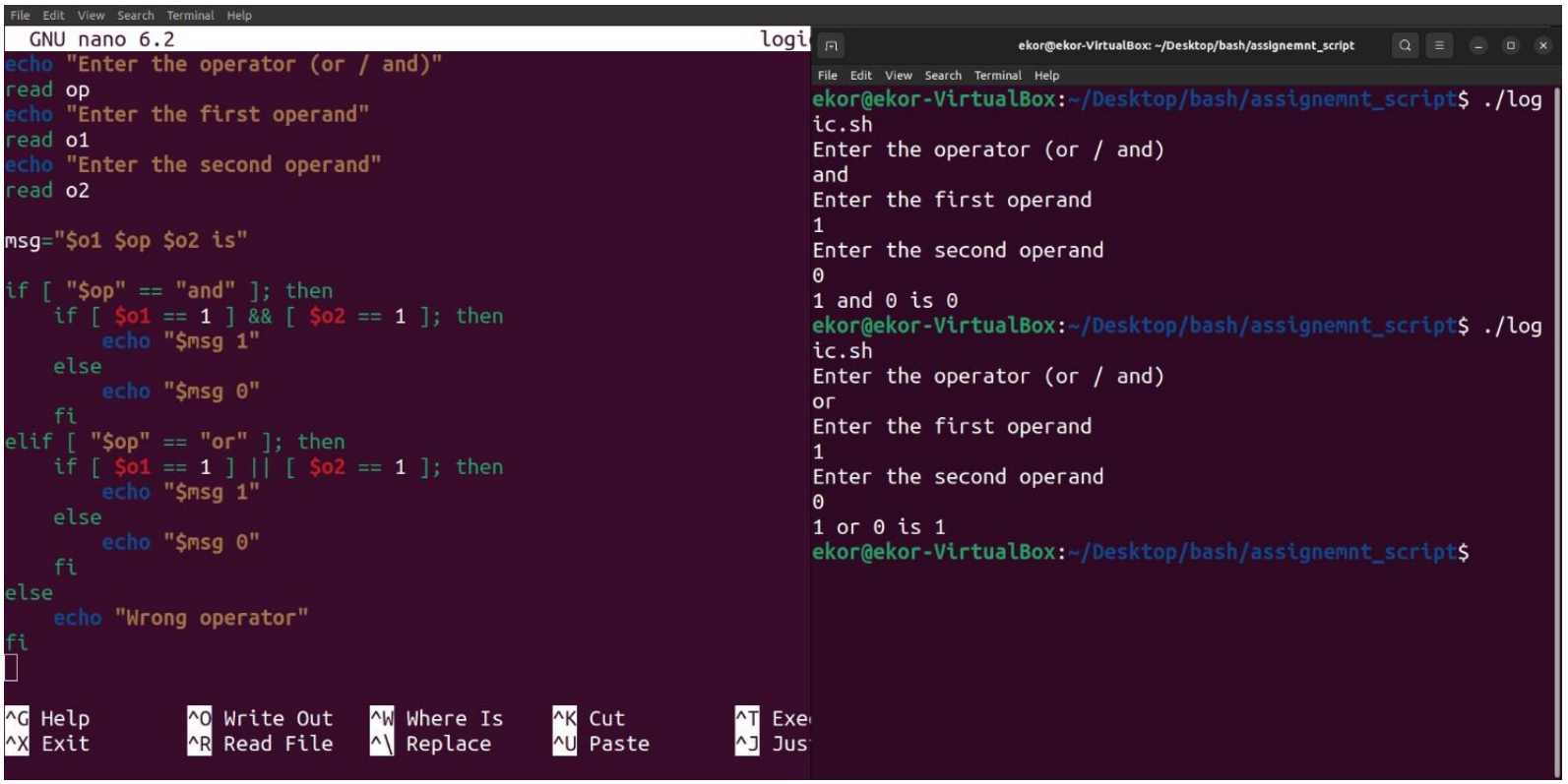

ekor@ekor-VirtualBox: ~/Desktop/CalcTask
ekor@ekor-VirtualBox: ~/Desktop/CalcTask
ekor@ekor-VirtualBox: ~/Desktop/CalcTask
GNU nano 6.2 mathTest.sh *
# this program is going to give you 5 arithmetic operation questions within specific range you input
# and print out you your final score, if the final score is 5 out of 5,
# the program will print a message that says smart boy
# I used (for - while) loops / if condition
score=0
read -p "Enter the range minimum number " min
read -p "Enter the range maximum number " max
echo "Answer the following question"
while true
do
for i in {1..5}
do
num1=$((RANDOM%($max-$min+1)+$min))
num2=$((RANDOM%($max-$min+1)+$min))
sum=$((num1+num2))
read -p "$num1 + $num2 = " answer
if [$sum == $answer]; then
((score++))
fi
done
echo "You score is $score"
if [$score == 5];then
echo "YOU ARE A SMART BOY"
fi
read -p "Do you want to play again [y/n] " again
if [$again == 'y'];then
score=0
continue
elif [$again == 'n']; then
exit 0
else
echo "INVALID INPUT"
exit 0
fi
done
done
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo

The output of the previous code



In the following example:

I used **if** condition with **AND** condition, to simulate the logic gates out put



A directory within a tree-structured directory