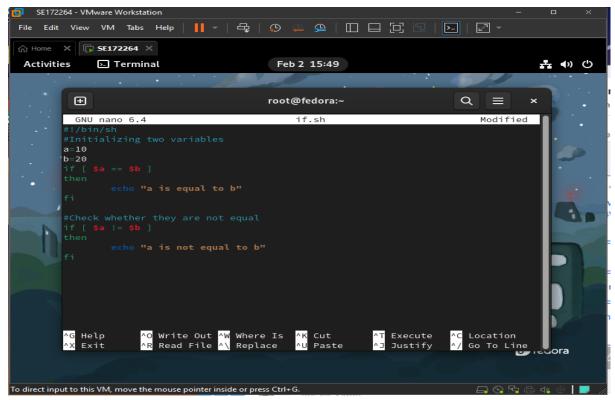
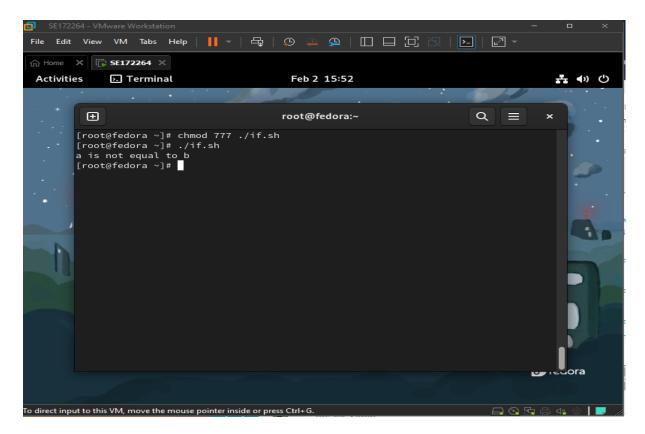
Lab 4 for Operating Systems

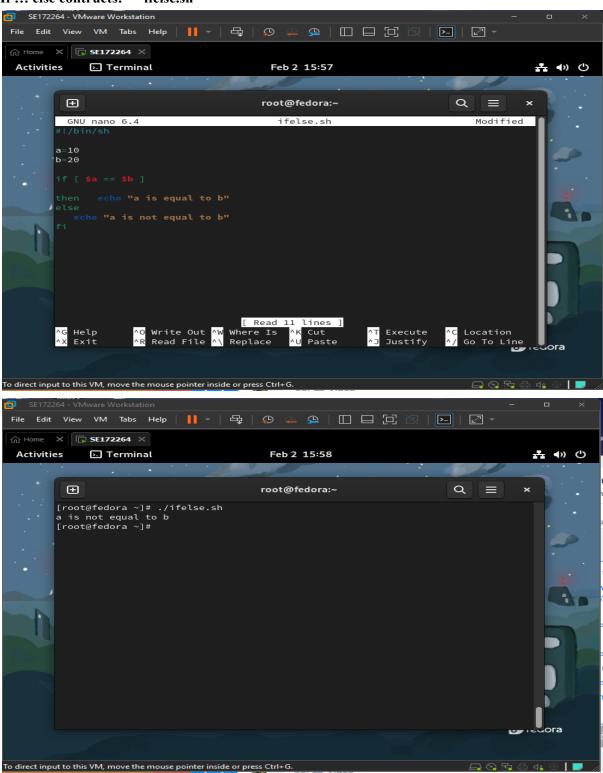
Note: Command to take permission: chmod 777 ./<namefile>.sh

If contructs: if.sh

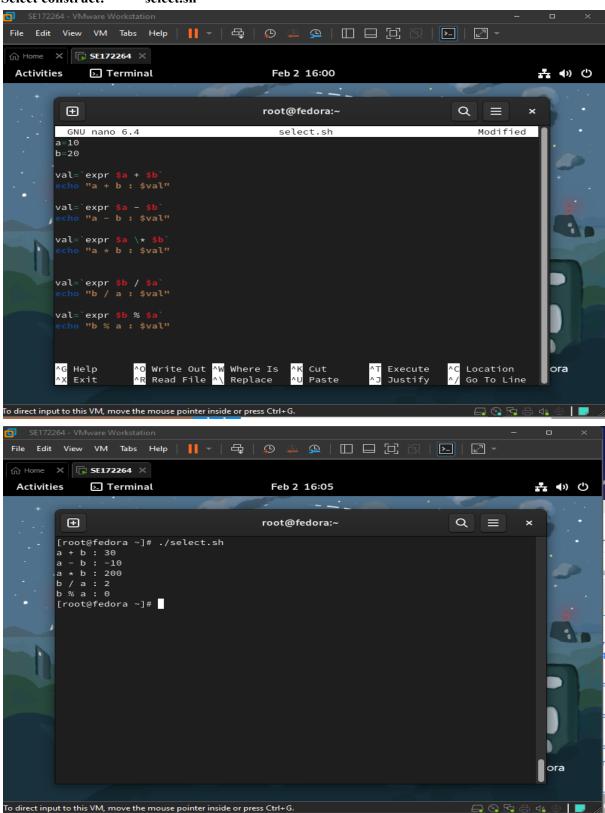




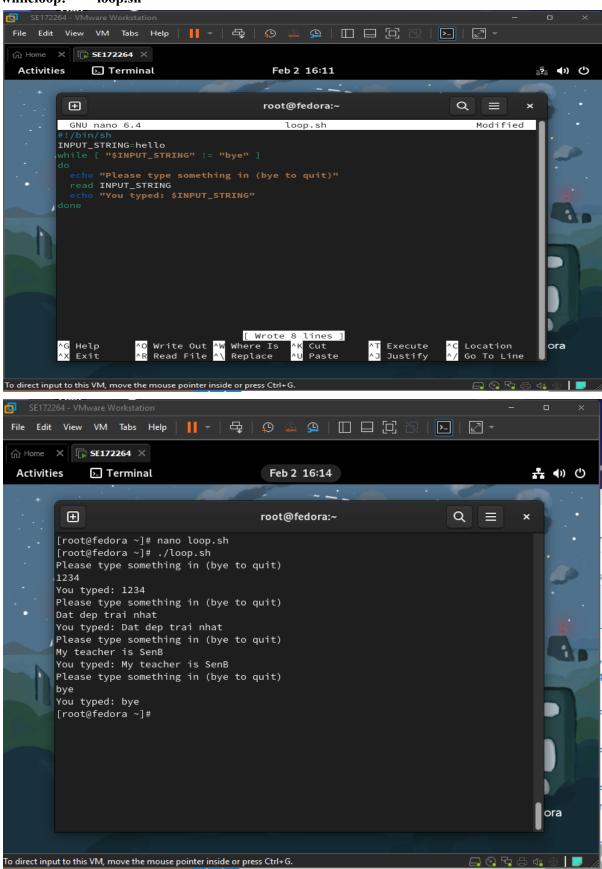
If ... else contructs: ifelse.sh



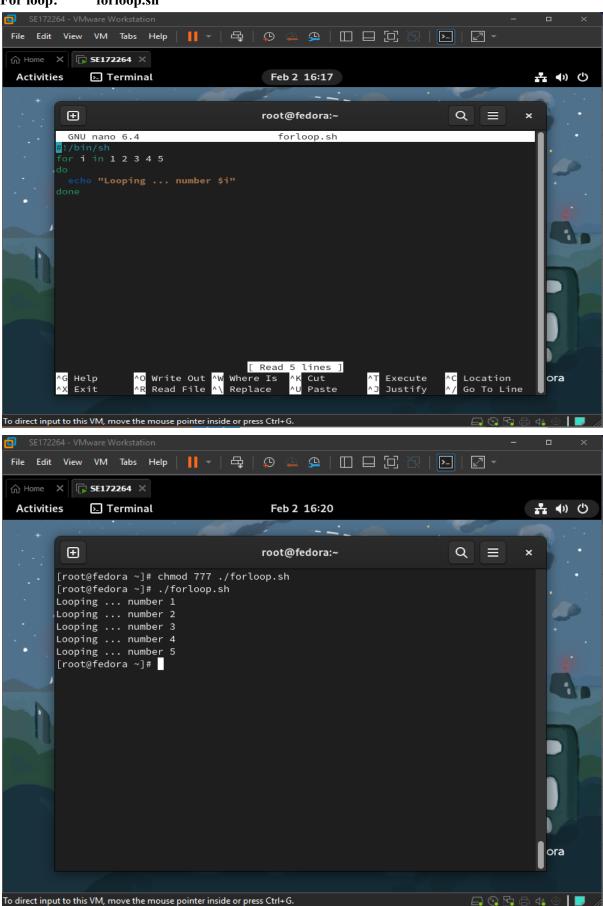
Select construct: select.sh



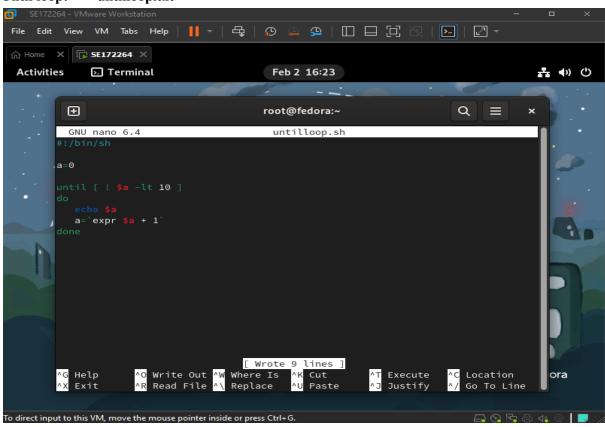
whileloop: loop.sh

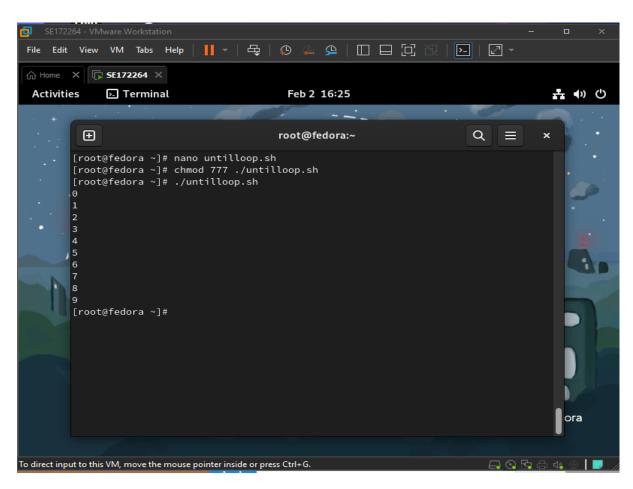


For loop: forloop.sh



Until loop: untilloop.txt





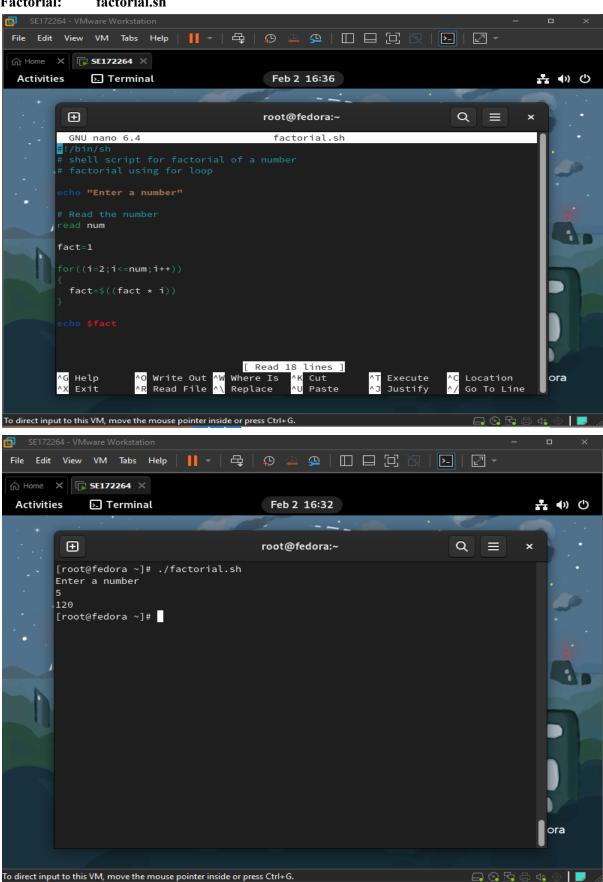
Array: array.sh SE172264 - VMware Workstation Activities Terminal Feb 2 16:34 **...** ◆ 0 ∪ \oplus root@fedora:~ GNU nano 6.4 array.sh # To declare static Array arr=(Hello world!) # To print all elements of array
echo \${arr[e]}
echo \${arr[*]}
echo \${arr[e]:0}
echo \${arr[*]:0} [Wrote 11 lines]

^O Write Out ^W Where Is ^K Cut

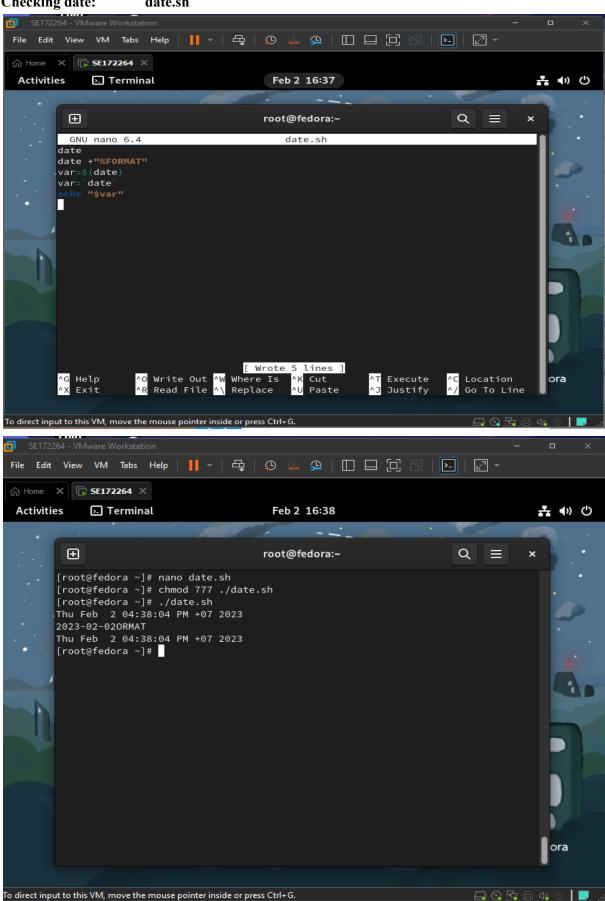
^R Read File ^\ Replace ^U Paste ^T Execute ^J Justify Help Location ora Exit To direct input to this VM, move the mouse pointer inside or press Ctrl+G. **□ □ □ □** SE172264 - VMware Workstation File Edit View VM Tabs Help | | マ | 母 | 🏚 🚇 🔲 🔲 🗒 🔯 | 🖸 🗸 Activities Terminal Feb 2 16:27 **.** ♦ ∪ \oplus root@fedora:~ Q = [root@fedora ~]# nano array.sh [root@fedora ~]# chmod 777 ./array.sh [root@fedora ~]# ./array.sh Hello world! Hello world! Hello world! Hello world! [root@fedora ~]# ora

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

Factorial: factorial.sh



Checking date: date.sh



Lucky Number: lucky.sh File Edit View VM Tabs Help | 📙 🔻 | 🗗 🗘 | 🕰 | 🖺 🔲 🔲 🔯 | 🔃 | 🛂 🔻 Activities Terminal Feb 2 16:39 **⊹** ♦ ∪ \oplus root@fedora:~ Q \equiv × GNU nano 6.4 lucky.sh secretNumber=\$((((`date +%N` / 1000) % 100) +1)) read guess echo "Please enter a number."
elif ["\$guess" = "\$secretNumber"]; then echo "The secret number is larger than your guess. Try again." echo "The secret number is smaller than your guess. Try again." [Wrote 16 lines] Write Out ^W Where Is ^G Help Execute Location ora Read File ^\ Replace Exit Paste Justify Go To Line SE172264 - VMware Workstation Activities Terminal **♣** ♦ ♦ Feb 2 16:42 Q \equiv \oplus root@fedora:~ The secret number is smaller than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:40 The secret number is smaller than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:30 The secret number is smaller than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:20 The secret number is larger than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:21 The secret number is larger than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:22 The secret number is larger than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:23 The secret number is larger than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:25 The secret number is larger than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:26 The secret number is larger than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:27 The secret number is larger than your guess. Try again. I am thinking of a number between 1 and 100. Enter your guess:29

The secret number is smaller than your guess. Try again.

Yes! 28 is the correct answer!

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

[root@fedora ~]#

I am thinking of a number between 1 and 100. Enter your guess:28

ora

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