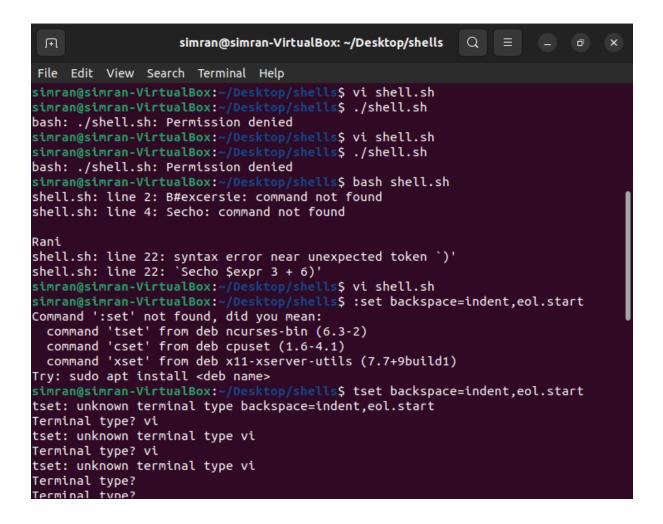
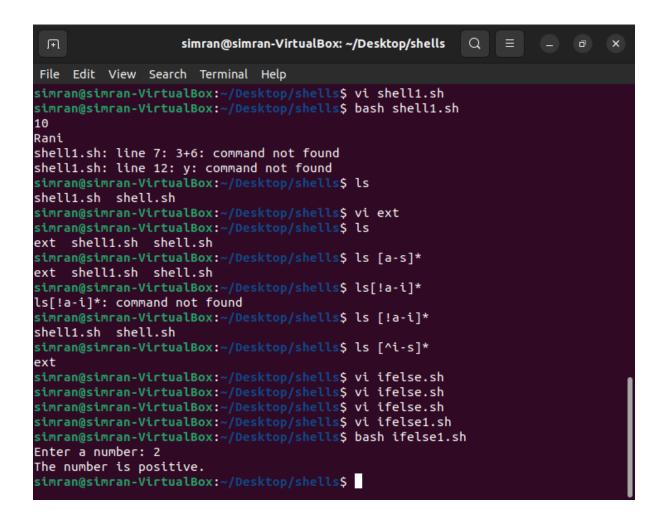
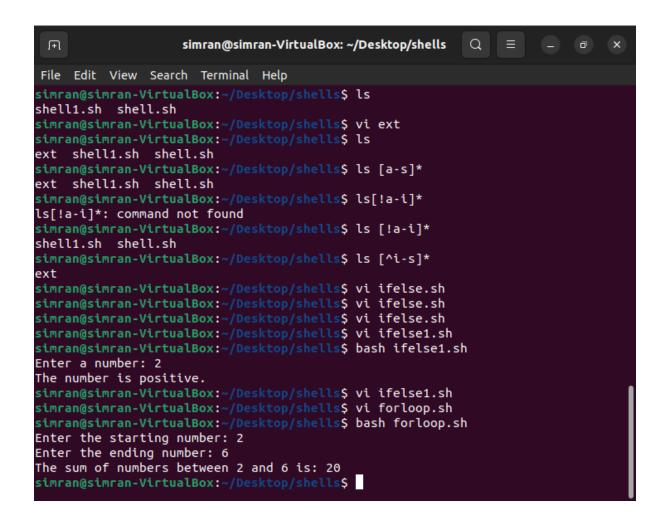
## **SHELL SCRIPT ASSIGNMENT:**

- Basic Commands
- If else
- For loop
- While loop
- Nested for loop
- Switch Cases
- Table and Table Related Commands

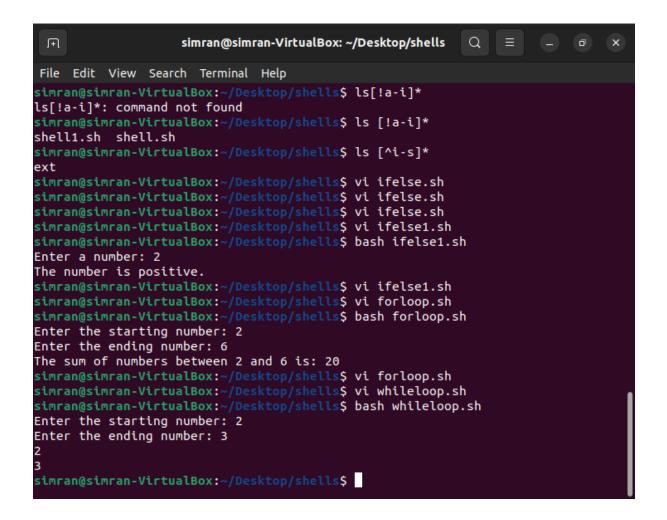


```
simran@simran-VirtualBox: ~/Desktop/shells
                                                          Q =
File Edit View Search Terminal Help
bash: syntax error near unexpected token `newline'
simran@simran-VirtualBox:~/Desktop/shells$ echo "set backspace=indent,eol.start
set backspace=indent,eol.start
simran@simran-VirtualBox:~/Desktop/shells$ vi shell.sh
simran@simran-VirtualBox:~/Desktop/shells$ vi shell1.sh
simran@simran-VirtualBox:~/Desktop/shells$ bash shell1.sh
10
Rani
shell1.sh: line 7: 3+6: command not found
shell1.sh: line 12: y: command not found
simran@simran-VirtualBox:~/Desktop/shells$ ls
shell1.sh shell.sh
simran@simran-VirtualBox:~/Desktop/shells$ vi ext
simran@simran-VirtualBox:~/Desktop/shells$ ls
ext shell1.sh shell.sh
simran@simran-VirtualBox:~/Desktop/shells$ ls [a-s]*
ext shell1.sh shell.sh
simran@simran-VirtualBox:~/Desktop/shells$ ls[!a-i]*
ls[!a-i]*: command not found
simran@simran-VirtualBox:~/Desktop/shells$ ls [!a-i]*
shell1.sh shell.sh
simran@simran-VirtualBox:~/Desktop/shells$ ls [^i-s]*
simran@simran-VirtualBox:~/Desktop/shells$ vi ifelse.sh
simran@simran-VirtualBox:~/Desktop/shells$
```

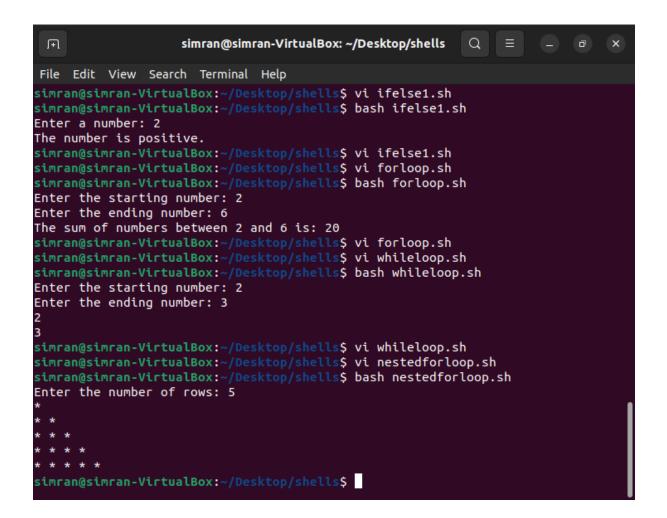


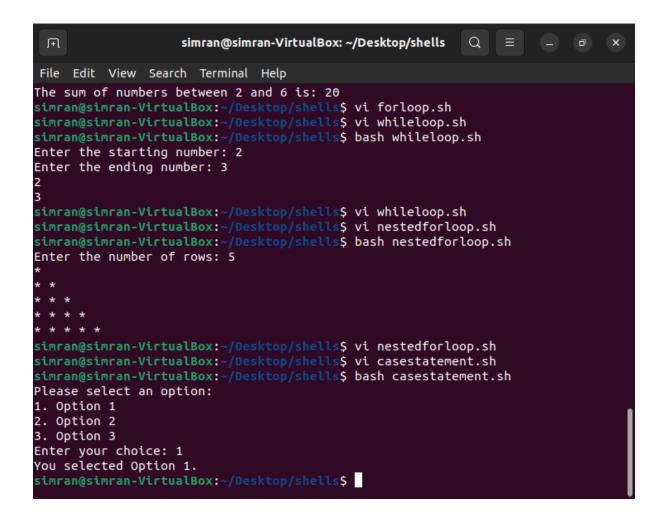


```
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                    simran@simran-VirtualBox: \sim/Desktop/shells Q \equiv - \Box
File Edit View Search Terminal Help
#!/bin/bash
# Initialize the sum variable
sum=0
# Prompt the user for the range of numbers
read -p "Enter the starting number: " start
read -p "Enter the ending number: " end
# Use a for loop to iterate through the range of numbers
for num in $(seq $start $end); do
   # Add each number to the sum
   sum=$((sum + num))
done
# Print the final sum
echo "The sum of numbers between $start and $end is: $sum"
"forloop.sh" 18 lines, 413 bytes
```

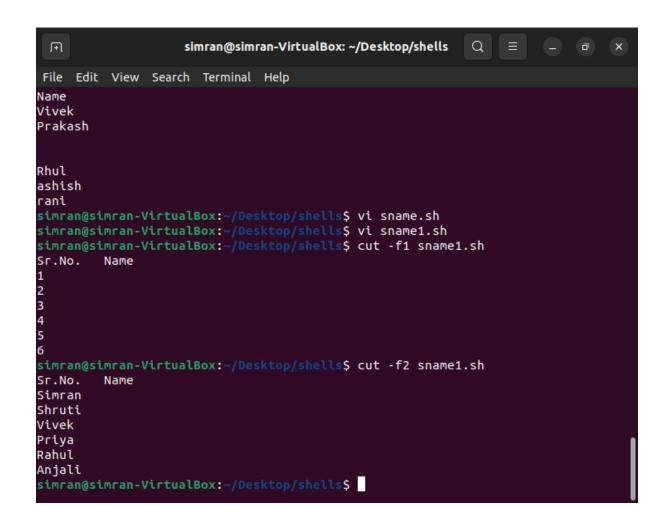


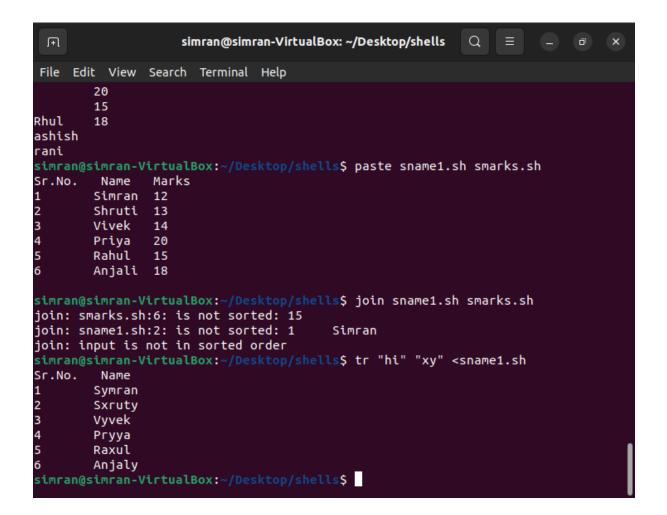
```
ſŦ
                     simran@simran-VirtualBox: ~/Desktop/shells
                                                            Q = - -
File Edit View Search Terminal Help
#!/bin/bash
# Initialize the counter variable
counter=1
# Prompt the user for the range of numbers
read -p "Enter the starting number: " start
read -p "Enter the ending number: " end
# Use a while loop to iterate through the range of numbers
while [ $counter -le $end ]; do
if [ $counter -ge $start ]; then
        echo $counter
    counter=$((counter + 1))
done
"whileloop.sh" 17 lines, 378 bytes
```





```
Ŧ
                    simran@simran-VirtualBox: ~/Desktop/shells
                                                           Q =
File Edit View Search Terminal Help
#!/bin/bash
# Prompt the user for a choice
echo "Please select an option:"
echo "1. Option 1"
echo "2. Option 2"
echo "3. Option 3"
read -p "Enter your choice: " choice
# Use a case statement to handle the user's choice
case $choice in
    1)
        echo "You selected Option 1."
    2)
        echo "You selected Option 2."
    3)
        echo "You selected Option 3."
        ;;
        echo "Invalid choice."
        ;;
esac
"casestatement.sh" 25 lines, 465 bytes
```





```
simran@simran-VirtualBox: ~/Desktop/shells
                                                                Q | ≡
                                                                                 ♂
 File Edit View Search Terminal Help
join: input is not in sorted order
simran@simran-VirtualBox:~/Desktop/shells$ tr "hi" "xy" <sname1.sh
Sr.No.
          Name
         Symran
         Sxruty
3
         Vyvek
4
         Ргууа
         Raxul
         Anjaly
simran@simran-VirtualBox:~/Desktop/shells$ vi personname.sh
simran@simran-VirtualBox:~/Desktop/shells$ uniqx personname.sh
Command 'uniqx' not found, did you mean:
command 'uniq' from deb coreutils (8.32-4.1ubuntu1)
Try: sudo apt install <deb name>
simran@simran-VirtualBox:~/Desktop/shells$ uniq personname.sh
Hello I am Simran
12333
Welcome to sai computer academy
What still I remember that name
Okay
How are you luser?
What i still remember that name.
simran@simran-VirtualBox:~/Desktop/shells$ grep ill personname.sh
What still I remember that name What i still remember that name.
simran@simran-VirtualBox:~/Desktop/shells$
```