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sarthak@sarthak-virtual-machine: ~
GNU nano 6.2 09_fibonacci.sh
#!/bin/bash

read -p "Enter limit for fibonacci series : " n

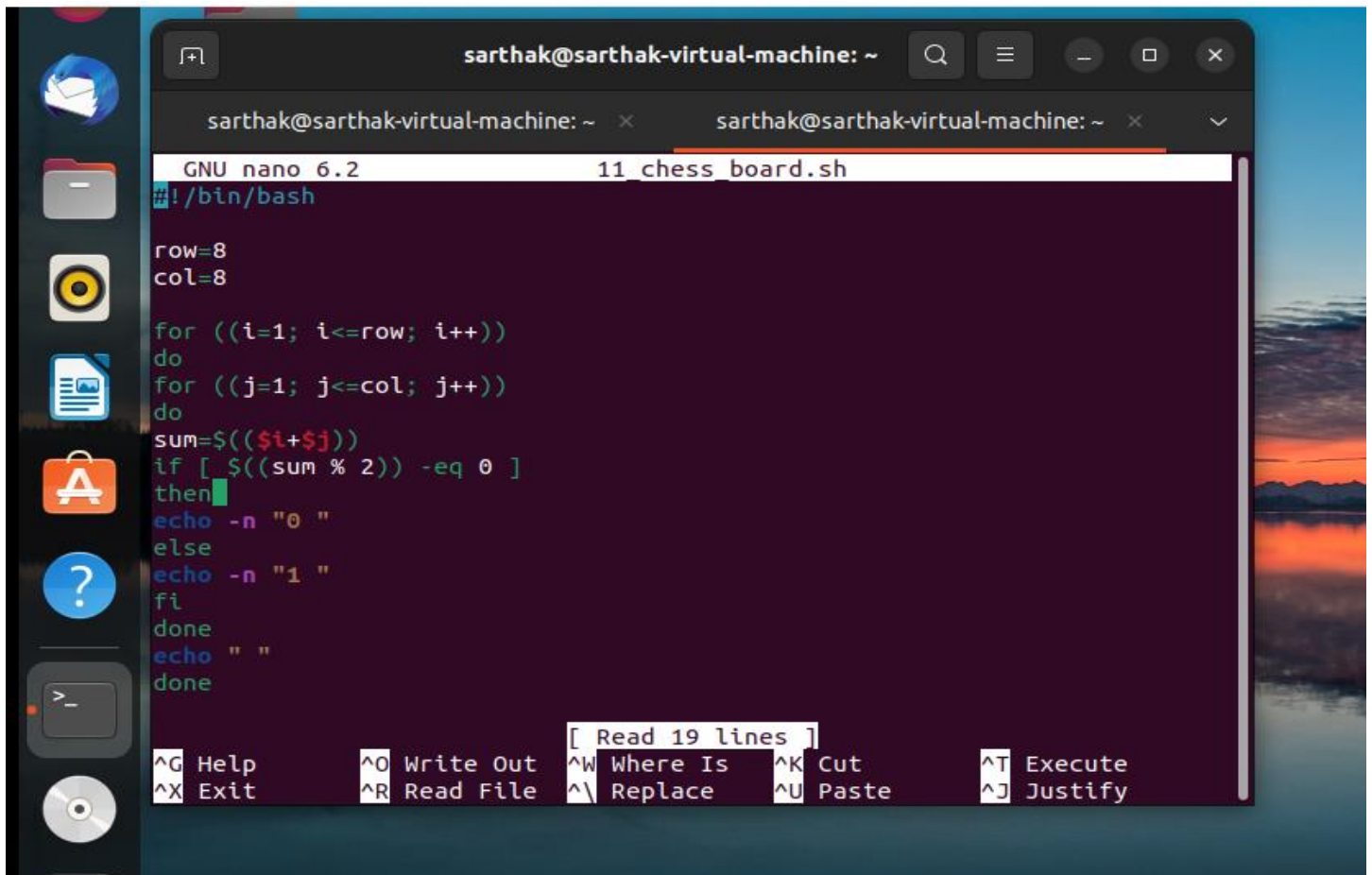
a=0
b=1

echo -n "the fibonacci series is : "
echo -n "$a,"

while [ $b -le $n ]
do
echo -n "$b,"
next=$((a+b))
a=$b
b=$next
done
echo ""

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify
```

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sarthak@sarthak-virtual-machine: ~
9. CPU information
10. Memory information
11. File system information
12. Currently running process
Enter your choice: 3
/home/sarthak
sarthak@sarthak-virtual-machine:~$
sarthak@sarthak-virtual-machine:~$
sarthak@sarthak-virtual-machine:~$
sarthak@sarthak-virtual-machine:~$
sarthak@sarthak-virtual-machine:~$
sarthak@sarthak-virtual-machine:~$
sarthak@sarthak-virtual-machine:~$ nano 09_fibonacci.sh
sarthak@sarthak-virtual-machine:~$ chmod 777 09_fibonacci.sh
sarthak@sarthak-virtual-machine:~$ ./09
bash: ./09: No such file or directory
sarthak@sarthak-virtual-machine:~$ ./09_fibonacci.sh
Enter limit for fibonacci series : 5
the fibonacci series is : 0,1,1,2,3,5,
sarthak@sarthak-virtual-machine:~$ ./09_fibonacci.sh
Enter limit for fibonacci series : 8
the fibonacci series is : 0,1,1,2,3,5,8,
sarthak@sarthak-virtual-machine:~$
```

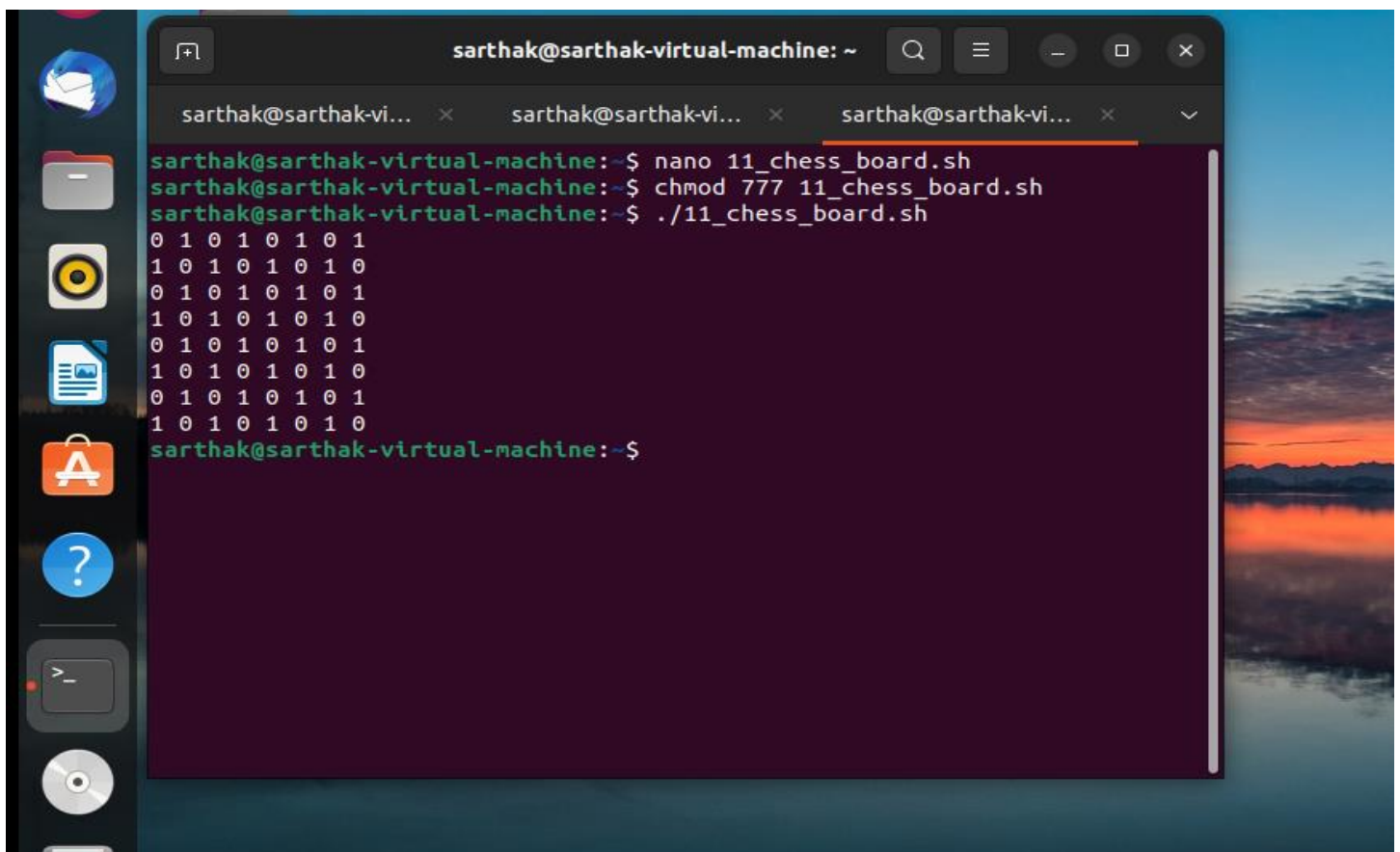
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sarthak@sarthak-virtual-machine: ~
GNU nano 6.2 11_chess_board.sh
#!/bin/bash

row=8
col=8

for ((i=1; i<=row; i++))
do
for ((j=1; j<=col; j++))
do
sum=$((i+j))
if [ $((sum % 2)) -eq 0 ]
then
echo -n "0 "
else
echo -n "1 "
fi
done
echo " "
done
```

[Read 19 lines]

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify



```
sarthak@sarthak-virtual-machine: ~$ nano 11_chess_board.sh
sarthak@sarthak-virtual-machine: ~$ chmod 777 11_chess_board.sh
sarthak@sarthak-virtual-machine: ~$ ./11_chess_board.sh
0 1 0 1 0 1 0 1
1 0 1 0 1 0 1 0
0 1 0 1 0 1 0 1
1 0 1 0 1 0 1 0
0 1 0 1 0 1 0 1
1 0 1 0 1 0 1 0
0 1 0 1 0 1 0 1
1 0 1 0 1 0 1 0
sarthak@sarthak-virtual-machine: ~$
```