



Sagar Institute of Research & Technology, Bhopal

Department of Information Technology

Experiment No. 5

Aim: Write a shell script using if...else loop to print eligibility age to drive.

THEORY: Statements that help to execute different code branches based on certain conditions are known as conditional statements.

`if...else` is one of the most commonly used conditional statements. Like other programming languages, Bash scripting also supports `if...else` statements. And we will study that in detail in this blog post.

SYNTAX:

if [expression]

then

Statement(s) to be executed if expression is true

else

Statement(s) to be executed if expression is not true

fi

The Shell *expression* is evaluated in the above syntax. If the resulting value is *true*, given *statement(s)* are executed. If the *expression* is *false*, then no statement will be executed.

CODE:

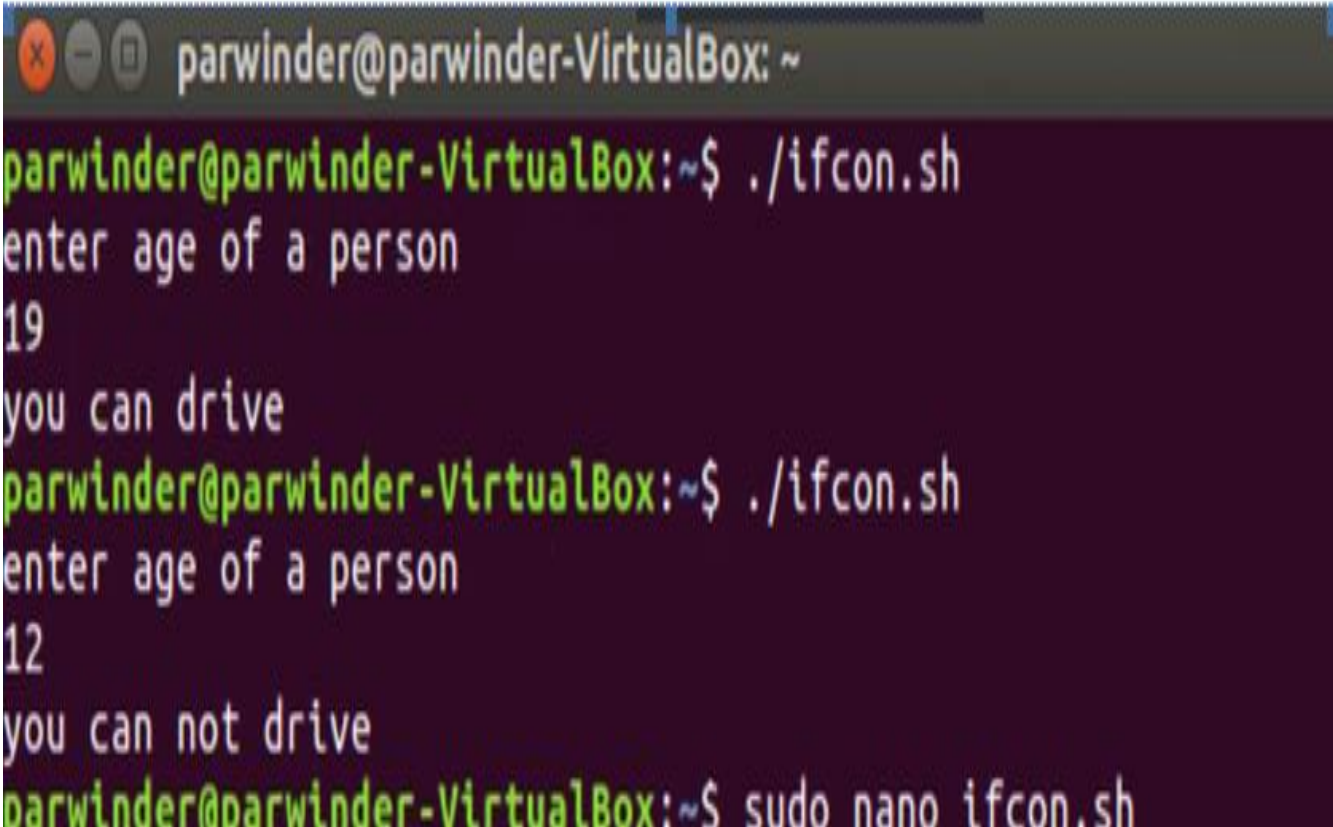
```
mkdir SHELL
ls
cd SHELL
touch ifcon.sh
sudo nano ifcon.sh
echo "enter age of a person"
read age
if [ "$age" -ge 18 ]
then
echo "you can drive"
else
echo "you can not drive"
fi
```



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COMPILE: `sudo chmod +x ifcon.sh`
 `./ifcon.sh`

OUTPUT:



```
parwinder@parwinder-VirtualBox: ~  
parwinder@parwinder-VirtualBox:~$ ./ifcon.sh  
enter age of a person  
19  
you can drive  
parwinder@parwinder-VirtualBox:~$ ./ifcon.sh  
enter age of a person  
12  
you can not drive  
parwinder@parwinder-VirtualBox:~$ sudo nano ifcon.sh
```