

# Until Loop

Last updated by | Shakibe Hasan | Jun 9, 2023 at 3:51 PM GMT+6

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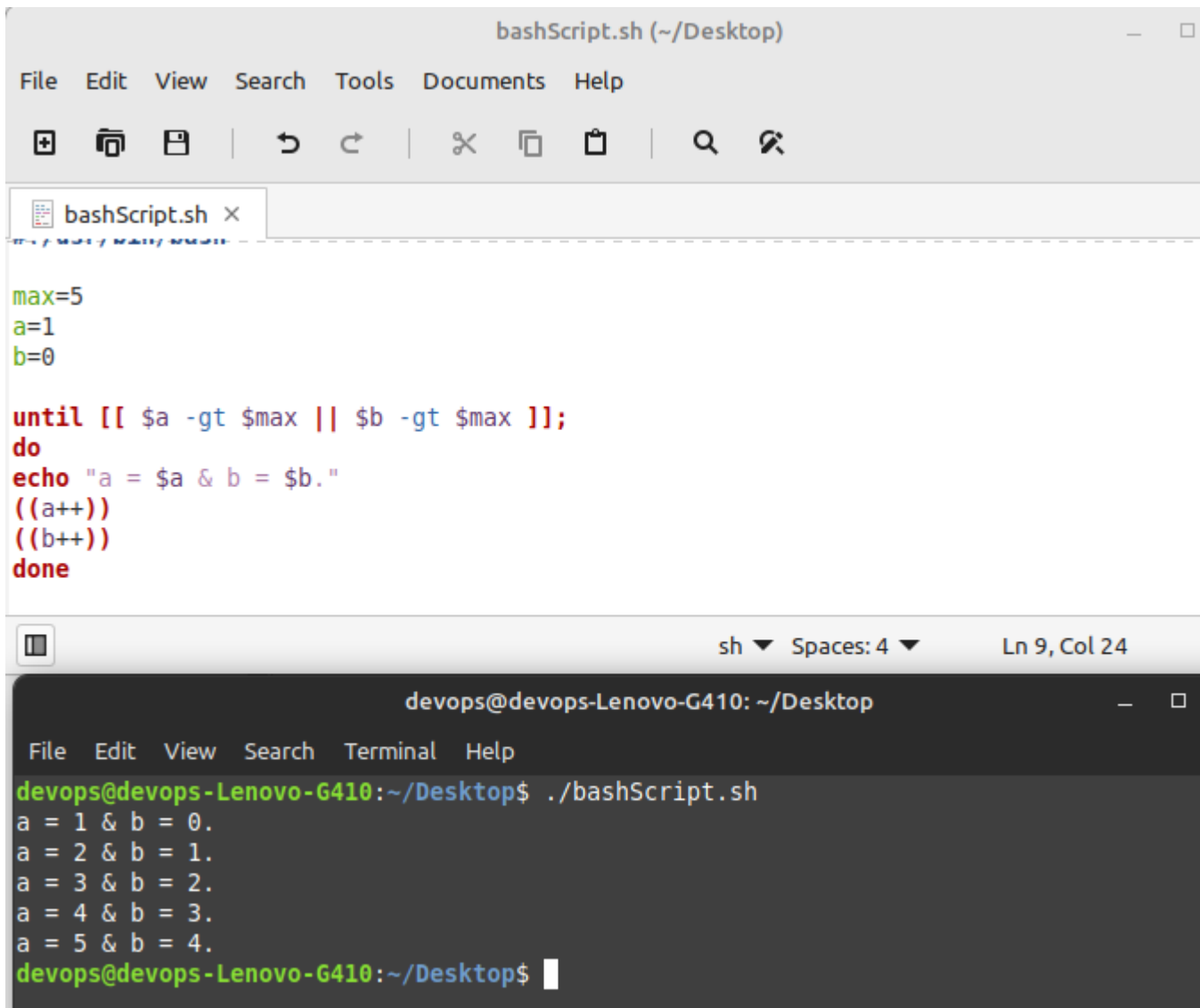
## Until Loop Syntax:

### For single condition

```
until [ expression ];  
do  
command1  
command2  
...  
...  
commandN  
done
```

### For Multiple Condition

```
until [[ expression ]];  
do  
command1  
command2  
...  
...  
commandN  
done
```



The image shows a code editor window titled "bashScript.sh (~/Desktop)" and a terminal window below it. The code editor contains a bash script that uses an until loop to increment variables a and b until they both reach 5. The terminal shows the execution of this script, displaying the output of the echo statements.

```
bashScript.sh (~/Desktop)
File Edit View Search Tools Documents Help
max=5
a=1
b=0
until [[ $a -gt $max || $b -gt $max ]];
do
echo "a = $a & b = $b."
((a++))
((b++))
done

devops@devops-Lenovo-G410: ~/Desktop
File Edit View Search Terminal Help
devops@devops-Lenovo-G410:~/Desktop$ ./bashScript.sh
a = 1 & b = 0.
a = 2 & b = 1.
a = 3 & b = 2.
a = 4 & b = 3.
a = 5 & b = 4.
devops@devops-Lenovo-G410:~/Desktop$
```

ref: <https://www.javatpoint.com/bash-until-loop>