gedit [graphicaly]

gedit filename. sh

[A shell script file]

file. sh

save
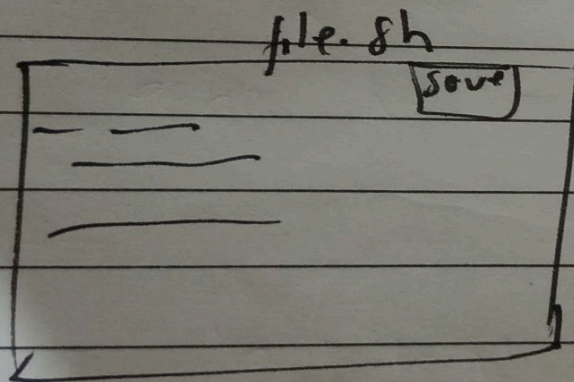
./file.sh

give permission

chomd u+x file.sh (permission)

./file.sh ✓ expented

If - else in script

syntax

```
if Test command
  then  statement
```

keyword   fi

number i/p >10 or not.

```
echo -n "Enter a number:"
read VAR

if [[ $VAR -gt 10]]

then
    echo "the variable is > than 10"
else  echo " no less than 10"
fi
```

(1.) ifelse.sh

```
: command not found
ser@user-virtual-machine:~/Desktop$ gedit ifelse.sh

ser@user-virtual-machine:~/Desktop$ ./ifelse.sh
/ifelse.sh: line 1: //hiii: No such file or directory
nter your number please: 3
iven input less than 10
user@user-virtual-machine:~/Desktop$ ./ifelse.sh
./ifelse.sh: line 1: //hiii: No such file or directory
enter your number please: 45
the number is high than 10
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
```

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```bash
1 for(( i=1; i<=6; i++))
2 do
3    for((j=1; j<i; j++))
4      do
5        echo -n "*"
6      done
7    echo
8 done
9
10 for((i=1; i<=5; i++))
11 do
12   for((j=1; j<i; j++))
13     do
14       echo -n "$j"
15     done
16   echo
17 done
```

```
user@user-virtual-machine:~/Desktop$ ./pattern.sh
*
**
***
****
*****

j
jj
jjj
jjjj
user@user-virtual-machine:~/Desktop$ gedit pattern.sh
^C
user@user-virtual-machine:~/Desktop$ ./pattern.sh

*
**
***
****
*****

1
12
123
1234
user@user-virtual-machine:~/Desktop$
```

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```
user@user-virtual-machine:~/Desktop$ ./ifelse.sh
./ifelse.sh: line 1: //hiii: No such file or directory
enter your number please: 2
given input less than 10
user@user-virtual-machine:~/Desktop$ ./pattern.sh
./pattern.sh: line 1: //its: No such file or directory

*
**
***
****
*****

1
12
123
1234
      *
    ***
   *****
  *******
*********
user@user-virtual-machine:~/Desktop$
user@user-virtual-machine:~/Desktop$
```
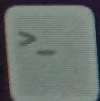
```sh
3   for((j=1; j<t; j++))
4   do
5       echo -n "$j"
6   done
7   echo
8 done
9
20 for((i=1; i<=5; i++))
21 do
22   for((j=1; j<=5-i; j++))
23   do
24       echo -n '  '
25   done
26   for((j=1; j<=2*i - 1; j++))
27   do
28       echo -n "*"
29   done
30   echo
31 done
```

sh ▼   Tab Width: 8 ▼   Ln 1, Col 1

```
  *******
 *********
user@user-virtual-machine:~/Desktop$ gedit
```

problem.sh

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to your computer, move the mouse pointer outside or press Ctrl+Alt.