

GNU nano 7.2

taskA.sh

#!/bin/bash

echo "Enter a number:"

read number

if ["\$number" -gt 10]; then

echo "Input number is greater than 10."

else

echo "Input number is not greater than 10."

fi

[Read 11 lines]

^G Help

^O Write Out

^W Where Is

^K Cut

^T Execute

^C Location

^X Exit

^R Read File

^_ Replace

^U Paste

^J Justify

^/ Go To Line

```
sotiris@sotirisco:~$ nano taskA.sh
sotiris@sotirisco:~$ chmod +x taskA.sh
sotiris@sotirisco:~$ ./taskA.sh
Enter a number:
5
Input number is not greater than 10.
sotiris@sotirisco:~$ ./taskA.sh
Enter a number:
13
Input number is greater than 10.
sotiris@sotirisco:~$
```

```
#!/bin/bash
```

```
echo "Enter the name of the file or directory:"
```

```
read name
```

```
if [ -d "$name" ]; then
```

```
    echo "Directory exists."
```

```
elif [ -f "$name" ]; then
```

```
    echo "It is a regular file, and the file exists."
```

```
    echo "Contents of the file:"
```

```
    cat "$name"
```

```
else
```

```
    echo "The file does not exist. Creating a new file: $name"
```

```
    echo "Sotiris Economos" > "$name"
```

```
    echo "New file created with the following content:"
```

```
    cat "$name"
```

```
fi
```

```
sotiris@sotirisco:~$ nano taskB.sh
```

```
sotiris@sotirisco:~$ chmod +x taskB.sh
```

```
sotiris@sotirisco:~$ ./taskB.sh
```

```
Enter the name of the file or directory:
```

```
testfile.txt
```

```
The file does not exist. Creating a new file: testfile.txt
```

```
New file created with the following content:
```

```
Sotiris Economos
```

```
sotiris@sotirisco:~$ ./taskB.sh
```

```
Enter the name of the file or directory:
```

```
testfile.txt
```

```
It is a regular file, and the file exists.
```

```
Contents of the file:
```

```
Sotiris Economos
```

```
sotiris@sotirisco:~$
```

```
GNU nano 7.2  
#!/bin/bash
```

```
echo "Type your MIDAS"
```

```
read name
```

```
echo "Hi $name, please enter the name of a directory:"
```

```
read dir
```

```
if [ -d "$dir" ]; then
```

```
    echo "Directory '$dir' exists. Displaying its contents:"
```

```
    ls -l "$dir"
```

```
else
```

```
    echo "Sorry, the entered directory name is not a valid directory name."
```

```
fi
```

```
sotiris@sotirisco:~$ ./check_directory.sh
```

```
Type your MIDAS
```

```
secon001
```

```
Hi secon001, please enter the name of a directory:
```

```
/home
```

```
Directory '/home' exists. Displaying its contents:
```

```
total 8
```

```
drwxr-x--- 14 sotiris    sotiris    4096 Apr  6 22:48 sotiris
```

```
drwxr-x--- 14 sotiriseco sotiriseco 4096 Mar  3 04:03 sotiriseco
```

```
sotiris@sotirisco:~$
```

```
sotiris@sotirisco:~$ ./check_directory.sh
```

```
Type your MIDAS
```

```
secon001
```

```
Hi secon001, please enter the name of a directory:
```

```
desktop
```

```
Sorry, the entered directory name is not a valid directory name.
```

```
sotiris@sotirisco:~$
```

```
sotiris@sotirisco:~$ ./check_directory.sh
```

```
Type your MIDAS
```

```
secon001
```

```
Hi secon001, please enter the name of a directory:
```

```
/etc/systemd
```

```
Directory '/etc/systemd' exists. Displaying its contents:
```

```
total 56
```

```
-rw-r--r--  1 root root 1406 Feb 27  2024 journald.conf
-rw-r--r--  1 root root 1663 Oct 17 17:15 logind.conf
drwxr-xr-x  2 root root 4096 Oct 17 17:15 network
-rw-r--r--  1 root root 1083 Feb 27  2024 networkd.conf
-rw-r--r--  1 root root  928 Feb 27  2024 oomd.conf
-rw-r--r--  1 root root  879 Feb 27  2024 pstore.conf
-rw-r--r--  1 root root 1551 Oct 17 17:15 resolved.conf
-rw-r--r--  1 root root 1060 Feb 27  2024 sleep.conf
drwxr-xr-x 28 root root 4096 Mar  3 03:47 system
-rw-r--r--  1 root root 2318 Oct 17 17:15 system.conf
drwxr-xr-x  2 root root 4096 Feb 16 21:00 system-generators
-rw-r--r--  1 root root 1003 Oct 17 17:15 timesyncd.conf
drwxr-xr-x  8 root root 4096 Mar  3 03:47 user
-rw-r--r--  1 root root 1768 Oct 17 17:15 user.conf
```

```
sotiris@sotirisco:~$
```