

Jimmy Benjamin

Professor Mohammed Al-Kinoon

CYSE 270

11/2/2025

Task A:

```
File Actions Edit View Help
#!/bin/bash

read -p "Enter a number to check:" num

if [ $num -gt 10 ]; then
    echo "Input number is greater than 10."
else
    echo "Input number is not greater than 10."
fi
```

```
File Actions Edit View Help

(jimmy_benjamin_009@kali)-[~]
└─$ vi TaskA.sh

(jimmy_benjamin_009@kali)-[~]
└─$ chmod +x TaskA.sh

(jimmy_benjamin_009@kali)-[~]
└─$ ./TaskA.sh
Enter a number to check:
./TaskA.sh: line 5: [: -gt: unary operator expected
Input number is not greater than 10.

(jimmy_benjamin_009@kali)-[~]
└─$ ./TaskA.sh
Enter a number to check: 8
Input number is not greater than 10.

(jimmy_benjamin_009@kali)-[~]
└─$ ./TaskA.sh
Enter a number to check: 12
Input number is greater than 10.

(jimmy_benjamin_009@kali)-[~]
└─$
```

Task B (w Xtra):

```
File Actions Edit View Help
#!/bin/bash
read -p "Enter the filename to check:" name
if [ -d "$name" ]; then
    echo "Directory exists."
elif [ -f "$name" ]; then
    echo "It is a regular file, and the file exists."
    cat "$name"
else
    echo "File or directory does not exist, creating new file..."
    touch "$name"
    echo "New file '$name' created."
fi
```

```
File Actions Edit View Help
(jimmy_benjamin_009@kali)-[~]
└─$ vi TaskB_withXtra.sh
(jimmy_benjamin_009@kali)-[~]
└─$ chmod +x TaskB_withXtra.sh
(jimmy_benjamin_009@kali)-[~]
└─$ ls
backup          demo.txt  dir2      Downloads   Music      practice_folder  rockyou.txt  Templates
copyright_cyse270 Desktop  dir3      example_file new_folder   practice.txt     TaskA.sh     Videos
data            dir1     Documents jbenj009.hash Pictures    Public          TaskB_withXtra.sh

(jimmy_benjamin_009@kali)-[~]
└─$ ./TaskB_withXtra.sh
Enter the filename to check: Desktop
Directory exists.

(jimmy_benjamin_009@kali)-[~]
└─$ ./TaskB_withXtra.sh
Enter the filename to check: demo.txt
It is a regular file, and the file exists.

(jimmy_benjamin_009@kali)-[~]
└─$ ./TaskB_withXtra.sh
Enter the filename to check: TaskA.sh
It is a regular file, and the file exists.
#!/bin/bash

read -p "Enter a number to check:" num

if [ $num -gt 10 ]; then
    echo "Input number is greater than 10."
else
    echo "Input number is not greater than 10."
fi

(jimmy_benjamin_009@kali)-[~]
└─$
```