Jayden Goldsmith

CYSE 270: Linux System for Cybersecurity

Lab 8 – Shell Scripting

Task A

```
┌──(jayden-goldsmith㉿kali)-[~]
└─$ vi JGTaskA.sh

┌──(jayden-goldsmith㉿kali)-[~]
└─$ chmod +x JGTaskA.sh
```

```bash
#!/bin/bash

#Get one number from the user
num1=$1

# Show the number entered
echo "Enter the number to check:"
echo "$num1"

# Compare using -gt
if [ "$num1" -gt "10"  ]
then
        echo "Input number is greater than 10"
else
        echo "Input number is not greater than 10"
fi
```

```
┌──(jayden-goldsmith㉿kali)-[~]
└─$ ./JGTaskA.sh 8
Enter the number to check:
8
Input number is not greater than 10

┌──(jayden-goldsmith㉿kali)-[~]
└─$ ./JGTaskA.sh 15
Enter the number to check:
15
Input number is greater than 10
```

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Task B

For Task B, I did not do step 6. :(

```
┌──(jayden-goldsmith㉿kali)-[~]
└─$ vi JGTaskB.sh

┌──(jayden-goldsmith㉿kali)-[~]
└─$ chmod +x JGTaskB.sh
```

```bash
#!/bin/bash

# Reads the name of file to check
dir_name=$1

# if studd
if [ -d "$dir_name" ]
then
        echo "Directory exists"
elif [ -f "$dir_name" ]
then
        echo "It is a regular file, and the file exists"
fi
```

```
┌──(jayden-goldsmith㉿kali)-[~]
└─$ ls
apple.txt          blueberry.txt        demo1555.txt  dir3          file.1
apricot.txt        cherry.txt           demo.tx       display.sh    file.2
archive.tar        copyright_cyse270    demo.txt      Documents     file3
assignment3.txt    cranberry.txt        Desktop       Downloads     file.txt
backup             data                 dir1          example_file  jgold033.hash
banana.txt         demo022.txt          dir2          exit_practice.txt  jgold033.txt

┌──(jayden-goldsmith㉿kali)-[~]
└─$ ./JGTaskB.sh dir2
Directory exists

┌──(jayden-goldsmith㉿kali)-[~]
└─$ ./JGTaskB.sh file.1
It is a regular file, and the file exists
```