

Task A:

```
john@john-VirtualBox: ~  
john@john-VirtualBox:~$ vi greater_than_10.sh  
john@john-VirtualBox:~$ chmod +x greater_than_10.sh  
john@john-VirtualBox:~$ ./greater_than_10.sh  
Enter a number: 15  
Input number is greater than 10  
john@john-VirtualBox:~$
```

```
Nov 2 17:28  
john@john-VirtualBox: ~  
#!/bin/bash  
read -p "Enter a number: " number  
  
if [ "$number" -gt 10 ]; then  
    echo "Input number is greater than 10"  
else  
  
    echo "Input number is not greater than 10"  
fi
```

Task B:

```
john@john-VirtualBox: ~  
#!/bin/bash  
read -p "Enter the name of a file or directory: " 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"  
fi  
~  
~  
~
```

```

john@john-VirtualBox:~$ ./check_file.sh
Enter the name of a file or directory: /etc/hosts
It is a regular file, and the file exists.
Contents of the file:
127.0.0.1 localhost
127.0.1.1 john-VirtualBox

# The following lines are desirable for IPv6 capable hosts
::1 ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
john@john-VirtualBox:~$ ./check_file.sh
Enter the name of a file or directory:
john@john-VirtualBox:~$ ./check_file.sh
Enter the name of a file or directory: newfile.txt
john@john-VirtualBox:~$

```

Extra credit:

```

Nov 2 17:31
john@john-VirtualBox: ~
#!/bin/bash
read -p "Enter your name: " name
read -p "Enter the name of a directory: " dirname

if [ -d "$dirname" ]; then
    echo "Hello $name, the directory '$dirname' exists."
    echo "Contents of $dirname:"
    ls "$dirname"
else
    echo "sorry , the entered directory name is not valid directory name"

```

```

john@john-VirtualBox:~$ vi check_file.sh
john@john-VirtualBox:~$ vi greater_than_10.sh
john@john-VirtualBox:~$ vi check_directory.sh
john@john-VirtualBox:~$ chmod +x check_directory.sh
john@john-VirtualBox:~$ ./check_directory.sh
Enter your name: /etc/systemd
Enter the name of a directory: /home
Hello /etc/systemd, the directory '/home' exists.
Contents of /home:
cyse_project john  Sophia  user2  user4  user6
Emma          Olivia  user1  user3  user5  xxxxx
john@john-VirtualBox:~$

```