



## Task A

### Steps 1-4

```
#!/bin/bash

# prompt user for a number
echo "enter a number:"
read number

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

```
(dom-davis@kali)-[~]
└─$ ./buffalo67.sh
enter a number:
6
Input number is not greater than 10
```

## Task B

### Steps 1-6

```
(dom-davis@kali)-[~]
└─$ vi joshallen17.sh
```

```
(dom-davis@kali)-[~]
└─$ chmod +x joshallen17.sh
```

```
#!/bin/bash

# Prompt user for a filename
echo "Enter the name of the file or directory:"
read input_name

# check if it exists
if [ -d "$input_name" ]; then
    echo "Directory exists"
elif [ -f "$input_name" ]; then
    echo "It is a regular file, and the file exists"
    echo "Contents of the file:"
    cat "$input_name"
else
    echo "File or directory doesn't exist. Creating new file: $input_name"
    touch "$input_name"
    echo "New file '$input_name' created. "
fi
```

```
(dom-davis@kali)-[~]
└─$ ./joshallen17.sh
Enter the name of the file or directory:
documents
File or directory doesn't exist. Creating new file: documents
New file 'documents' created.
```