DTL- Assignment 7

Shell Scripting

```
(base) amaan@ubunx ~/Shell_Script ./showfile bbc_scraper.s
h
#!/bin/bash

python ~/Documents/DevOps/Python/bbc_scraper.py

cat Top\ Tech\ Headlines\(BBC\)

rm Top\ Tech\ Headlines\(BBC\)

-e

File bbc_scraper.sh, found and sucessfully echoed
(base) amaan@ubunx ~/Shell_Script
```

```
amaan@ubunx  ~/Shell Script
                                       cat > trmif
(base)
#Script to test rm command and exist status
if rm $1
then
echo "$1 file deleted"
fi
(base)
       amaan@ubunx > ~/Shell Script
                                       touch test.txg
       amaan@ubunx ~/Shell Script
(base)
                                           showfile trmif
bbc scraper.sh
Linux-Cheat-Sheet-Sponsored-By-Loggly.pdf test.txg
       amaan@ubunx
                     ~/Shell Script > chmod 755 trmif
(base)
(base)
       amaan@ubunx
                     ~/Shell Script
                                       ./trmif test.txg
test.txg file deleted
       amaan@ubunx
                             Script
(base)
```

```
∰!/bin/sh
  2 #Script to see whether argument is +ve or -ve
   if [$# -eq 0]
 5
     ho "$0: You must give/supply one integers"
     xit 1
 8
 9
    f test $1 -gt 0
10
11
12
     cho "$1 number is positive"
13
14
     cho "$1 number is negative"
15 fi
       amaan@ubunx > ~/Shell Script
(base)
                                      vim isnump n
       amaan@ubunx
                    ~/Shell Script
                                      chmod 755 isnump n
(base)
(base) amaan@ubunx ~/Shell_Script
                                      isnump n 5
zsh: command not found: isnump n
(base) x amaan@ubunx → ~/Shell Script
                                        ./isnump n 5
./isnump n: 4: [1: not found
5 number is positive
(base) amaan@ubunx ~/Shell Script ./isnump n -5
./isnump n: 4: [1: not found
-5 number is negative
(base) amaan@ubunx ~/Shell Script
                                      vim isnump n
       amaan@ubunx ~/Shell Script
(base)
```

```
(base)
       amaan@ubunx > ~/Shell_Script
                                      vim nestedif.sh
       amaan@ubunx
                    ~/Shell Script
                                      chmod +x nestedif.sh
(base)
       amaan@ubunx ~/Shell Script
(base)
                                      ./nestedif.sh 1
./nestedif.sh: 2: osch: not found
1.Unix (Sun OS)
2.Linu (Red Hat)
Select your os choice [1 or 2]?1
You Pick Unix (Sun Os)
(base) amaan@ubunx ~/Shell Script
```

```
1 #!/bin/sh
 2 \text{ osch} = 0
    echo "1.Unix (Sun OS)"
   echo "2.Linu (Red Hat)"
echo -n "Select your os choice [1 or 2]?"
 6 read osch
 8 if [ $osch -eq 1 ] ; then
 9
            echo "You Pick Unix (Sun Os)"
10 else
            if [ $osch -eq 2 ]; then
11
                     echo "You pickk Linux (Red Hat)"
12
13
                     echo "What you don't like Unix/Linux OS"
14
            fi
15
16 fi
17
```

```
vim elf.sh
(base)
       amaan@ubunx > ~/Shell Script
       amaan@ubunx ~/Shell Script
(base)
                                      cat > testfor
for i in 1 2 3 4 5
do
echo "Welcome $i times"
done
                    ~/Shell Script
(base)
       amaan@ubunx
                                      chmod +x testfor
                     ~/Shell Script
                                      ./testfor
(base) amaan@ubunx
Welcome 1 times
Welcome 2 times
Welcome 3 times
Welcome 4 times
Welcome 5 times
(base)
       amaan@ubunx > ~/Shell Script
       amaan@ubunx ~/Shell Script
(base)
                                      vim mtable
                                      chmod 755 mtable
       amaan@ubunx
(base)
                     ~/Shell Script
(base)
       amaan@ubunx ~/Shell Script
                                      ./mtable 5
 * 1 = 5
5
5
5
5
5
5
 * 2 = 10
 * 3 = 15
 * 4 = 20
 * 5 = 25
 * 6 = 30
 * 7 = 35
 * 8 = 40
 * 9 = 45
5 * 10 = 50
(base) amaan@ubunx ~/Shell Script
                                      ./mtable
Error - Number is missing from command line argument
Syntax : ./mtable number
Use to print multiplication table for given number
3
    f [ $1 -gt 0 ]; then
  4
         echo "$1 is positive"
    elif [ $1 -lt 0 ]
  6
  7
  8
     cho "$1 is negative"
     lif [ $1 -eq 0 ]
  9
 10
 11
     cho "$1 is zero"
 12
     lse
 13
           echo "00ps!! $1 is not a number"
 14
 15
```











