

William Kelley  
Assignment 2 - First Bash Scripts  
ITE315-Scripting

```
#!/bin/bash
# William Kelley
# Assignment 02 Part 01 - Switch Statement for Command Line Statements
# ITE315-Scripting
```

```
echo "Welcome to Will's Command Line Tool"
```

```
echo "-----"
echo "(a) Display a list of files and directories in the current directory
(b) Display a long list of the contents of the current directory
(c) Display a list of the last n messages in /var/log/messages,
    prompting for the value of n
(d) Display the contents of this script
(e) Display the contents of this script in reverse
(f) Exit the script
"
```

```
while read -r INPUT; do
    case "$INPUT" in
        "a")
            echo "-----"
            ls .
            ;;
        "b")
            echo "-----"
            ls -l .
            ;;
        "c")
            echo "-----"
            echo "Enter number of lines to print"
            read var
            tail -n $var /var/log/messages
            ;;
        "d")
            echo "-----"
            cat assn02.part01.sh
            ;;
        "e")
            echo "-----"
            tac assn02.part01.sh
            ;;
        "f") exit
        ;;
    esac
done
```

```
#!/bin/bash
# William Kelley
# Search Contents of /var/log/auth.log for root logins(uid=0)
# ITE315-Scripting
```

```
grep -w "root" /var/log/auth.log | grep -w "opened"
```