

1 SYSTEMS PROGRAMMING LABORATORY XI - Programming the User Interface

Examples&Exercises:

- Complete the following codes if necessary, then compile and run the code.
- Analyze the code and output.

1. Using the Terminal Interface; [noecho.c](#)
2. Changing Terminal Modes; [rawmode.c](#)
3. Using terminfo; [newgetcaps.c](#)
4. Illustrating ncurses Initialization and Termination; [initcurs.c](#), [newterm.c](#).
Compile with

```
$ gcc -o curses_prog curses_prog.c -lcurses
```

5. Input and Output; [curschar.c](#), [cursstr.c](#), [cursbox.c](#), [cursinch.c](#), [cursgstr.c](#), [color.c](#), [cursutil.c](#), [utilfcns.c](#). Compile with

```
$ gcc -c utilfcns.c
```

```
$ gcc -o curs_prog curs_prog.c -lcurses utilfcns.o
```

6. X Window Programming; [bifurcation.c](#). Compile with

```
$ locate libX11
```

```
$ gcc -o bifurcation bifurcation.c -lX11 -L/usr/lib/
```