

1. `gcc -o os-hw1-1 os-hw1-1.C`
`./os-hw1-1`

When entered number < 0

Print : Error : Please enter a positive number.

When `pid < 0`

Print : Error in creating a child process.

When `pid = 0`

Do child process

When `pid > 0`

Do parent process

2. `gcc -o os-hw1-2 os-hw1-2.C -lrt`
`./os-hw1-2`

When entered number < 0

Print : Error : Please enter a positive number.

When `pid < 0`

Print : Error in creating a child process.

When `pid = 0`

Do child process

When `pid > 0`

Do parent process

3. `gcc -o filecopy filecopy.C`
`./filecopy input.txt copy.txt`

When `pipe(fd) = -1`

Print : pipe failed

When `pid < 0`

Print : fork failed

Child process read and write in pipe

Parent process read and write in copy.txt