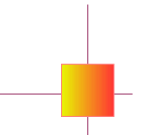




SIGNALS EXAMPLE

```
#include <stdio.h>
#include <signal.h>
int main(int argc, char *argv[])
{
    int signo;
    sigset_t nmask, omask;
    void sig_handle(int);

    signo = atoi(argv[1]);
    signal(signo, sig_handle);
    sigfillset(&nmask);
    sigdelset(&nmask, signo);
    if (sigprocmask(SIG_BLOCK, &nmask, &omask) < 0) {
        fprintf(stderr, "Failed signal mask\n");
        exit(1);
    }
}
```





SIGNAL HANDLER EXAMPLE

```
for ( i i )
    i
}

void sig_handle(int sno)
{
    fprintf(stderr,
        "You cannot kill me with Signal %d\n", sno);
}
```





OUTPUT

```
[chakcs]$ signal_eg 3          950 pts/2  S    0:00 bash
"You can't kill me with Signal 3" 995 pts/1  R    0:13 signal_eg 3
[1]+ Stopped    signal_eg 3    996 pts/2  R    0:00 ps x
[chakcs]$ [chakcs]$ kill -HUP 995
[1]+ Killed    signal_eg 3    [chakcs]$ kill -QUIT 995
[chakcs]$ kill -SEGV 995
[chakcs]$ kill -USR1 995
[chakcs]$ kill -STOP 995
[chakcs]$ ps x
950 pts/2  S    0:00 bash
995 pts/1  T    0:58 signal_eg 3
997 pts/2  R    0:00 ps x
[chakcs]$ kill -KILL 995
[chakcs]$ ps x
950 pts/2  S    0:00 bash
1040 pts/2 R    0:00 ps x
```

