

```
1  #include <signal.h>
2  #include <stdio.h>
3  #include <unistd.h>
4
5  void sig_usr(int);
6
7  int main(void)
8  {
9      printf("PID = %d\n", getpid());
10
11     if (signal(SIGUSR1, sig_usr) == SIG_ERR)
12         perror("signal<SIGUSR1>");
13
14     for ( ; ; )
15         pause();
16 }
17
18 void sig_usr(int signo)
19 {
20     if (signo == SIGUSR1)
21         printf("received SIGUSR1\n");
22     else
23         perror("sig_usr");
24 }
```