

11.8

```
#include "csapp.h"

void sigchld_handler(int sig){
    int olderror = errno;
    pid_t pid;

    while((pid = waitpid(-1, NULL, WNOHANG | WUNTRACED)) > 0){

    }
    if(errno != ECHILD){
        unix_error("waitpid error");
    }
    errno = old_errno;
}

int main(){
    ...
    Signal(SIGCHLD, sigchld_handler);
    ...
    ...
}
另删去 Wait(NULL);一句
```

11.9

```
void serve_static(int fd, char* filename, int filesize){
    ...
    srcfd = Open(filename, O_RDONLY, 0);
    char* buf = (char* )malloc(filesize * sizeof(char));
    rio_readn(srcfd, buf, filesize);
    Close(srcfd);
    rio_writen(fd, buf, filesize);
    free(buf);
}
```