

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <fcntl.h>
4  #include <assert.h>
5  #include <unistd.h>
6
7  #define BUFSIZE 1024
8
9  int main() {
10     int readfd = open("./foo.bar", O_RDONLY);
11     int writefd = open("./result", O_RDWR | O_CREAT, 0666);
12
13     close(0);
14     close(1);
15
16     assert(dup(readfd) != -1);
17     assert(dup(writefd) != -1);
18
19     execlp("awk", "awk", "{if(NF >= 2) printf(\"(%s)\", $1);
    for(i=2;i<=NF;i++){printf(\" (%s)\", $i)}; printf(\"\\n\");};", "-");
20 }
```