```
#include <stdio.h>

int main(void) {
    int i,t;
    for(i=0,t=0;i<10;i++) {
        t+=i;
        printf("%d %d\n",i,t);
        }
    return 0;
    }
```

```
LC0:
    .ascii "%d %d\12\0"
    .align 4
.globl _main
_main:
    pushl %ebp
    movl %esp,%ebp
    pushl %esi
    pushl %ebx
    call ___main
    xorl %ebx,%ebx
    xorl %esi,%esi
    .align 2,0x90
L11:
    addl %ebx,%esi
    pushl %esi
    pushl %ebx
    pushl #LC0
    call _printf
    addl #12,%esp
    incl %ebx
    cmpl #9,%ebx
    jle L11
    xorl %eax,%eax
    leal -8(%ebp),%esp
    popl %ebx
    popl %esi
    movl %ebp,%esp
    popl %ebp
    ret
```

```
25 64 20 25 64 0a 00
90 90 90 90 90 90 90 90 90


55
89 e5
56
53
e8 e6 ff ff ff
31 db
31 f6
90 90

01 de
56
53
68 00 00 00 00
e8 d2 ff ff ff
83 c4 0c
43
83 fb 09
7e e9
31 c0
8d 65 f8
5b
5e
89 ec
5d
c3
```

```
c:\meta\68000.tab/
        LONGS
ram     EQU     $0400000
codeorg EQU     $400400
ramt8   EQU     $403FFF
ramt32  EQU     $40FFFF

lights  EQU     $E00183
lddr    EQU     $E00187
switch  EQU     $E00181
sddr    EQU     $E00185

        SEGMENT word at 00400400 'ram'

        move.b  #%11111111,lddr
        move.b  #%00000000,sddr

loop    move.b  switch,D1
        and.b   #%00001000,D1
        bne     ledsoff
        move.b  #%11111111,lights
        bra     loop
ledsoff move.b  #%00000000,lights
        bra     loop

        end
```