

```
1  #include "stdio.h"
2  #include "reg51.h"
3  void main()
4  {
5      int a=100,b=10,t=0;
6      int *p1,*p2,*p3;
7      SCON= 0x52;
8      TMOD = 0x20;
9      TCON = 0x69;
10     TH1 = 0xF3;
11     printf("a=%d,b=%d\n",a,b);
12     p1=&a;
13     p2=&b;
14     p3=p1;
15     p1=p2;
16     p2=p3;
17     printf("*p1=%d,*p2=%d\n",*p1,*p2);
18     printf("a=%d,b=%d\n",a,b);
19     p1=&a;
20     p2=&b;
21     t=*p1;
22     *p1=*p2;
23     *p2=t;
24     printf("*p1=%d,*p2=%d\n",*p1,*p2);
25     printf("a=%d,b=%d\n",a,b);
26     while(1);
27 }
```