```
1 #include <stdio.h>
2 int main(void)
 3 {
 4
       //variable declarations
 5
       int i, j;
 6
 7
       //code
 8
       printf("\n\n");
 9
10
       i = 1;
       while(i <= 10)
11
12
           printf("i = %d\n", i);
13
           printf("----\n\n");
14
15
16
           j = 1;
           while (j <= 5)
17
18
19
                printf("\tj = %d\n", j);
20
                j++;
21
22
           i++;
           printf("\n\n");
23
24
       return(0);
25
26 }
27
```