```
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)</pre>
11
12
            printf("i = %d\n", i);
13
14
            printf("-----\n\n");
15
16
            j = 1;
           while (j <= 5)
17
18
                printf("\tj = %d\n", j);
19
20
                j++;
21
            }
22
            i++;
            printf("\n\n");
23
24
25
       return(0);
26 }
27
```