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