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