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