```
1 #include <stdio.h>
 2 int main(void)
 3 {
 4
       //variable declarations
 5
       int i, j, k;
 6
 7
       //code
       printf("\n\n");
 8
 9
10
       i = 1;
11
       while (i <= 10)
12
13
            printf("i = %d\n", i);
14
            printf("-----\n\n");
15
16
            j = 1;
           while (j <= 5)
17
18
            {
                printf("\tj = %d\n", j);
19
20
                printf("\t----\n\n");
21
22
                k = 1;
                while (k <= 3)
23
24
                    printf("\t = %d\n", k);
25
26
                    k++;
27
                }
28
                printf("\n\n");
29
                j++;
30
            printf("\n\n");
31
32
            i++;
33
        }
34
       return(0);
35 }
36
```