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