

```
1  #include <stdio.h>
2  int main(void)
3  {
4      //variable declarations
5      int i, j;
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             j++;
21         }
22         i++;
23         printf("\n\n");
24     }
25     return(0);
26 }
27
```