```c
#include <stdio.h>
int main(void)
{
    //variable declarations
    int i, j;

    //code
    printf("\n\n");

    i = 1;
    do
    {
        printf("i = %d\n", i);
        printf("--------\n\n");

        j = 1;
        do
        {
            printf("\tj = %d\n", j);
            j++;
        }while (j <= 5);
        i++;
        printf("\n\n");
    }while (i <= 10);
    return(0);
}
```