```c
1  #include <stdio.h>
2
3  struct MyNumber
4  {
5      int num;
6      int num_table[10];
7  };
8
9  struct NumTables
10 {
11     struct MyNumber n;
12 };
13
14 int main(void)
15 {
16     //variable declarations
17     struct NumTables tables[10]; //an array of 10 'struct NumTables'
18     int i, j;
19
20     //code
21     for (i = 0; i < 10; i++)
22     {
23         tables[i].n.num = (i + 1);
24     }
25
26     for (i = 0; i < 10; i++)
27     {
28         printf("\n\n");
29         printf("Table Of %d : \n\n", tables[i].n.num);
30         for (j = 0; j < 10; j++)
31         {
32             tables[i].n.num_table[j] = tables[i].n.num * (j + 1);
33             printf("%d * %d = %d\n", tables[i].n.num, (j + 1), tables
               [i].n.num_table[j]);
34         }
35     }
36     return(0);
37 }
38
39
```