```c
1  #include <stdio.h>
2  int main(void)
3  {
4      //variable declaraions
5      int iArrayOne[10];
6      int iArrayTwo[10];
7
8      //code
9
10     // ****** iArrayOne[] ******
11     iArrayOne[0] = 3;
12     iArrayOne[1] = 6;
13     iArrayOne[2] = 9;
14     iArrayOne[3] = 12;
15     iArrayOne[4] = 15;
16     iArrayOne[5] = 18;
17     iArrayOne[6] = 21;
18     iArrayOne[7] = 24;
19     iArrayOne[8] = 27;
20     iArrayOne[9] = 30;
21
22     printf("\n\n");
23     printf("Piece-meal (Hard-coded) Assignment And Display Of Elements to Array
           'iArrayOne[]': \n\n");
24     printf("1st Element Of Array 'iArrayOne[]' Or Element At 0th Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[0]);
25     printf("2nd Element Of Array 'iArrayOne[]' Or Element At 1st Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[1]);
26     printf("3rd Element Of Array 'iArrayOne[]' Or Element At 2nd Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[2]);
27     printf("4th Element Of Array 'iArrayOne[]' Or Element At 3rd Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[3]);
28     printf("5th Element Of Array 'iArrayOne[]' Or Element At 4th Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[4]);
29     printf("6th Element Of Array 'iArrayOne[]' Or Element At 5th Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[5]);
30     printf("7th Element Of Array 'iArrayOne[]' Or Element At 6th Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[6]);
31     printf("8th Element Of Array 'iArrayOne[]' Or Element At 7th Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[7]);
32     printf("9th Element Of Array 'iArrayOne[]' Or Element At 8th Index Of Array
           'iArrayOne[]' = %d\n", iArrayOne[8]);
33     printf("10th Element Of Array 'iArrayOne[]' Or Element At 9th Index Of Array
           'iArrayOne[]' = %d\n\n", iArrayOne[9]);
34
35     // ****** iArrayTwo[] ******
36     printf("\n\n");
37
38     printf("Enter 1st Element Of Array 'iArrayTwo[]' : ");
39     scanf("%d", &iArrayTwo[0]);
40     printf("Enter 2nd Element Of Array 'iArrayTwo[]' : ");
41     scanf("%d", &iArrayTwo[1]);
```

```c
42        printf("Enter 3rd Element Of Array 'iArrayTwo[]' : ");
43        scanf("%d", &iArrayTwo[2]);
44        printf("Enter 4th Element Of Array 'iArrayTwo[]' : ");
45        scanf("%d", &iArrayTwo[3]);
46        printf("Enter 5th Element Of Array 'iArrayTwo[]' : ");
47        scanf("%d", &iArrayTwo[4]);
48        printf("Enter 6th Element Of Array 'iArrayTwo[]' : ");
49        scanf("%d", &iArrayTwo[5]);
50        printf("Enter 7th Element Of Array 'iArrayTwo[]' : ");
51        scanf("%d", &iArrayTwo[6]);
52        printf("Enter 8th Element Of Array 'iArrayTwo[]' : ");
53        scanf("%d", &iArrayTwo[7]);
54        printf("Enter 9th Element Of Array 'iArrayTwo[]' : ");
55        scanf("%d", &iArrayTwo[8]);
56        printf("Enter 10th Element Of Array 'iArrayTwo[]' : ");
57        scanf("%d", &iArrayTwo[9]);
58
59        printf("\n\n");
60        printf("Piece-meal (User Input) Assignment And Display Of Elements to Array
            'iArrayTwo[]' : \n\n");
61        printf("1st Element Of Array 'iArrayTwo[]' Or Element At 0th Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[0]);
62        printf("2nd Element Of Array 'iArrayTwo[]' Or Element At 1st Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[1]);
63        printf("3rd Element Of Array 'iArrayTwo[]' Or Element At 2nd Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[2]);
64        printf("4th Element Of Array 'iArrayTwo[]' Or Element At 3rd Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[3]);
65        printf("5th Element Of Array 'iArrayTwo[]' Or Element At 4th Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[4]);
66        printf("6th Element Of Array 'iArrayTwo[]' Or Element At 5th Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[5]);
67        printf("7th Element Of Array 'iArrayTwo[]' Or Element At 6th Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[6]);
68        printf("8th Element Of Array 'iArrayTwo[]' Or Element At 7th Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[7]);
69        printf("9th Element Of Array 'iArrayTwo[]' Or Element At 8th Index Of Array
            'iArrayTwo[]' = %d\n", iArrayTwo[8]);
70        printf("10th Element Of Array 'iArrayTwo[]' Or Element At 9th Index Of Array
            'iArrayTwo[]' = %d\n\n", iArrayTwo[9]);
71
72        return(0);
73    }
74
75
```