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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
24     'iArrayOne[]': \n\n");
25     printf("1st Element Of Array 'iArrayOne[]' Or Element At 0th Index Of Array
26     'iArrayOne[]' = %d\n", iArrayOne[0]);
27     printf("2nd Element Of Array 'iArrayOne[]' Or Element At 1st Index Of Array
28     'iArrayOne[]' = %d\n", iArrayOne[1]);
29     printf("3rd Element Of Array 'iArrayOne[]' Or Element At 2nd Index Of Array
30     'iArrayOne[]' = %d\n", iArrayOne[2]);
31     printf("4th Element Of Array 'iArrayOne[]' Or Element At 3rd Index Of Array
32     'iArrayOne[]' = %d\n", iArrayOne[3]);
33     printf("5th Element Of Array 'iArrayOne[]' Or Element At 4th Index Of Array
34     'iArrayOne[]' = %d\n", iArrayOne[4]);
35     printf("6th Element Of Array 'iArrayOne[]' Or Element At 5th Index Of Array
36     'iArrayOne[]' = %d\n", iArrayOne[5]);
37     printf("7th Element Of Array 'iArrayOne[]' Or Element At 6th Index Of Array
38     'iArrayOne[]' = %d\n", iArrayOne[6]);
39     printf("8th Element Of Array 'iArrayOne[]' Or Element At 7th Index Of Array
40     'iArrayOne[]' = %d\n", iArrayOne[7]);
41     printf("9th Element Of Array 'iArrayOne[]' Or Element At 8th Index Of Array
42     'iArrayOne[]' = %d\n", iArrayOne[8]);
43     printf("10th Element Of Array 'iArrayOne[]' Or Element At 9th Index Of Array
44     'iArrayOne[]' = %d\n\n", iArrayOne[9]);
45
46     // ***** iArrayTwo[] *****
47     printf("\n\n");
48
49     printf("Enter 1st Element Of Array 'iArrayTwo[]' : ");
50     scanf("%d", &iArrayTwo[0]);
51     printf("Enter 2nd Element Of Array 'iArrayTwo[]' : ");
52     scanf("%d", &iArrayTwo[1]);
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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  \n\n");
61     printf("1st Element Of Array 'iArrayTwo[]' Or Element At 0th Index Of Array  \n\n");
62     printf("2nd Element Of Array 'iArrayTwo[]' Or Element At 1st Index Of Array  \n\n");
63     printf("3rd Element Of Array 'iArrayTwo[]' Or Element At 2nd Index Of Array  \n\n");
64     printf("4th Element Of Array 'iArrayTwo[]' Or Element At 3rd Index Of Array  \n\n");
65     printf("5th Element Of Array 'iArrayTwo[]' Or Element At 4th Index Of Array  \n\n");
66     printf("6th Element Of Array 'iArrayTwo[]' Or Element At 5th Index Of Array  \n\n");
67     printf("7th Element Of Array 'iArrayTwo[]' Or Element At 6th Index Of Array  \n\n");
68     printf("8th Element Of Array 'iArrayTwo[]' Or Element At 7th Index Of Array  \n\n");
69     printf("9th Element Of Array 'iArrayTwo[]' Or Element At 8th Index Of Array  \n\n");
70     printf("10th Element Of Array 'iArrayTwo[]' Or Element At 9th Index Of Array  \n\n");
71
72     return(0);
73 }
74
75
```