```c
1  #include <stdio.h>
2
3  struct MyPoint
4  {
5      int x;
6      int y;
7  };
8
9  int main(void)
10 {
11     //variable declarations
12     struct MyPoint point_A, point_B, point_C, point_D, point_E; //declaring a 5 ⮎
            struct variables
13
14     //code
15     //User Input For The Data Members Of 'struct MyPoint' variable 'point_A'
16     printf("\n\n");
17     printf("Enter X-Coordinate For Point 'A' : ");
18     scanf("%d", &point_A.x);
19     printf("Enter Y-Coordinate For Point 'A' : ");
20     scanf("%d", &point_A.y);
21
22     //User Input For The Data Members Of 'struct MyPoint' variable 'point_B'
23     printf("\n\n");
24     printf("Enter X-Coordinate For Point 'B' : ");
25     scanf("%d", &point_B.x);
26     printf("Enter Y-Coordinate For Point 'B' : ");
27     scanf("%d", &point_B.y);
28
29     //User Input For The Data Members Of 'struct MyPoint' variable 'point_C'
30     printf("\n\n");
31     printf("Enter X-Coordinate For Point 'C' : ");
32     scanf("%d", &point_C.x);
33     printf("Enter Y-Coordinate For Point 'C' : ");
34     scanf("%d", &point_C.y);
35
36     //User Input For The Data Members Of 'struct MyPoint' variable 'point_D'
37     printf("\n\n");
38     printf("Enter X-Coordinate For Point 'D' : ");
39     scanf("%d", &point_D.x);
40     printf("Enter Y-Coordinate For Point 'D' : ");
41     scanf("%d", &point_D.y);
42
43     //User Input For The Data Members Of 'struct MyPoint' variable 'point_E'
44     printf("\n\n");
45     printf("Enter X-Coordinate For Point 'E' : ");
46     scanf("%d", &point_E.x);
47     printf("Enter Y-Coordinate For Point 'E' : ");
48     scanf("%d", &point_E.y);
49
50     //Displaying Values Of The Data Members Of 'struct MyPoint' (all variables)
51     printf("\n\n");
```

```
52      printf("Co-ordinates (x, y) Of Point 'A' Are : (%d, %d)\n\n", point_A.x,     ⏎
            point_A.y);
53      printf("Co-ordinates (x, y) Of Point 'B' Are : (%d, %d)\n\n", point_B.x,     ⏎
            point_B.y);
54      printf("Co-ordinates (x, y) Of Point 'C' Are : (%d, %d)\n\n", point_C.x,     ⏎
            point_C.y);
55      printf("Co-ordinates (x, y) Of Point 'D' Are : (%d, %d)\n\n", point_D.x,     ⏎
            point_D.y);
56      printf("Co-ordinates (x, y) Of Point 'E' Are : (%d, %d)\n\n", point_E.x,     ⏎
            point_E.y);
57
58      return(0);
59  }
60
```