

```
1  #include <stdio.h>
2
3  struct Rectangle
4  {
5      struct MyPoint
6      {
7          int x;
8          int y;
9      } point_01, point_02;
10
11  } rect = { {2, 3}, {5, 6} };
12
13  int main(void)
14  {
15      //variable declarations
16      int length, breadth, area;
17
18      //code
19      length = rect.point_02.y - rect.point_01.y;
20      if (length < 0)
21          length = length * -1;
22
23      breadth = rect.point_02.x - rect.point_01.x;
24      if (breadth < 0)
25          breadth = breadth * -1;
26
27      area = length * breadth;
28
29      printf("\n\n");
30      printf("Length Of Rectangle = %d\n\n", length);
31      printf("Breadth Of Rectangle = %d\n\n", breadth);
32      printf("Area Of Rectangle = %d\n\n", area);
33
34      return(0);
35  }
36
```