

```
1 D:\Anaconda3\python.exe "D:/ICC/3.1/
  Computer Science/notes/6.10/EX15_11.
  py"
2 Xq : 6
3 Yq : 7
4 Distance from origin to q: 9.
  219544457292887
5 Point p : (3, 3)
6 Midpoint between p and q : (4.5, 5.0)
7
8 Question 1
9 Distance from point p to q : 5.0
10
11 Question 2
12 the x reflection of p : (3, -3)
13
14 Question 3
15 the slope of p from the origin : 1.0
16
17 Question 4
18 The (a, b) of  $y = ax + b$  is : (1.33
  , -1.0)
19
20 Question 5
21 The new point : (5, 6)
22
23 Question 6
24 (-217.5, 220.5, 309.72)
25
26 Process finished with exit code 0
27
```