

Lab 2 assignment

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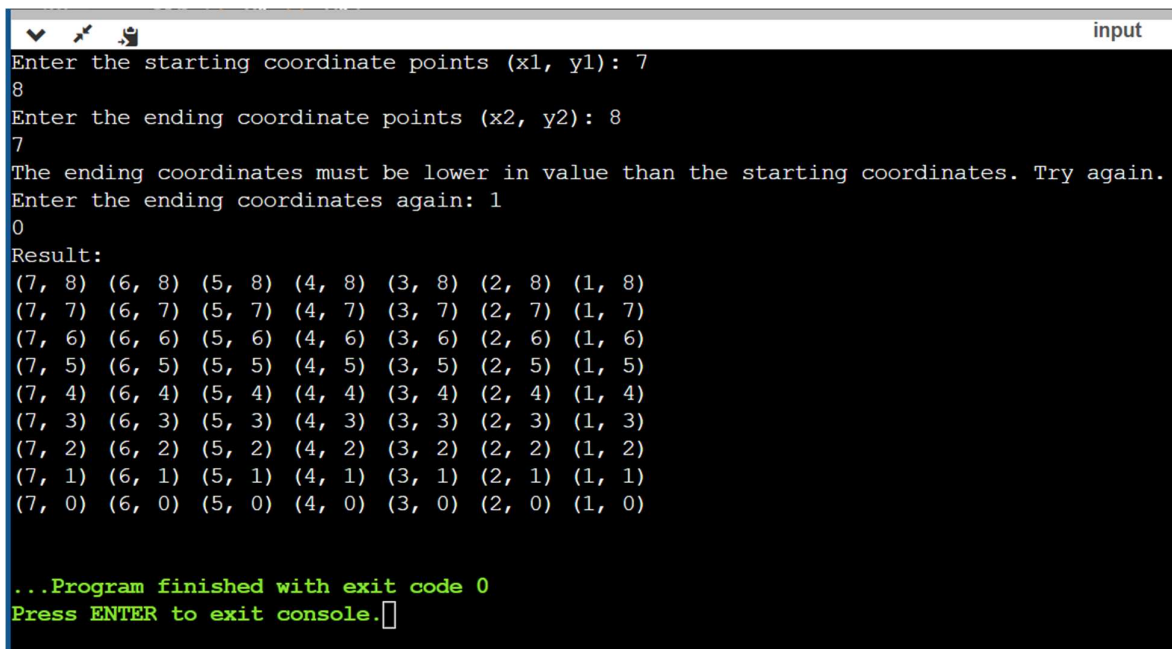
Due date: 3 Feb 2023

1) Screenshot 1

```
Enter the starting coordinate points (x1, y1): 9
9
Enter the ending coordinate points (x2, y2): 8
4
Result:
(9, 9) (8, 9)
(9, 8) (8, 8)
(9, 7) (8, 7)
(9, 6) (8, 6)
(9, 5) (8, 5)
(9, 4) (8, 4)

...Program finished with exit code 0
Press ENTER to exit console.
```

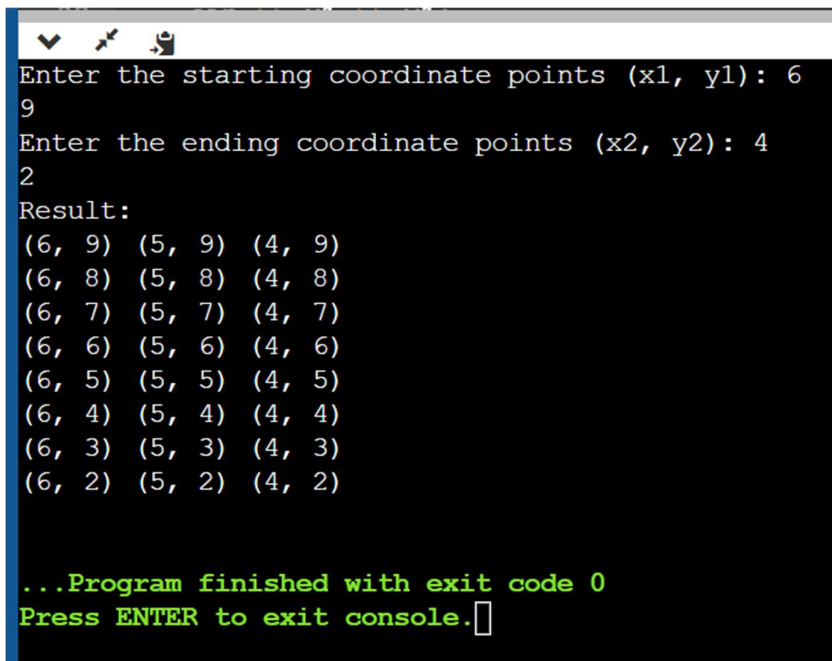
2) Screenshot 2 (initial error and then successful run)



```
input
Enter the starting coordinate points (x1, y1): 7
8
Enter the ending coordinate points (x2, y2): 8
7
The ending coordinates must be lower in value than the starting coordinates. Try again.
Enter the ending coordinates again: 1
0
Result:
(7, 8) (6, 8) (5, 8) (4, 8) (3, 8) (2, 8) (1, 8)
(7, 7) (6, 7) (5, 7) (4, 7) (3, 7) (2, 7) (1, 7)
(7, 6) (6, 6) (5, 6) (4, 6) (3, 6) (2, 6) (1, 6)
(7, 5) (6, 5) (5, 5) (4, 5) (3, 5) (2, 5) (1, 5)
(7, 4) (6, 4) (5, 4) (4, 4) (3, 4) (2, 4) (1, 4)
(7, 3) (6, 3) (5, 3) (4, 3) (3, 3) (2, 3) (1, 3)
(7, 2) (6, 2) (5, 2) (4, 2) (3, 2) (2, 2) (1, 2)
(7, 1) (6, 1) (5, 1) (4, 1) (3, 1) (2, 1) (1, 1)
(7, 0) (6, 0) (5, 0) (4, 0) (3, 0) (2, 0) (1, 0)

...Program finished with exit code 0
Press ENTER to exit console.
```

3) Screenshot 3



```
Enter the starting coordinate points (x1, y1): 6
9
Enter the ending coordinate points (x2, y2): 4
2
Result:
(6, 9) (5, 9) (4, 9)
(6, 8) (5, 8) (4, 8)
(6, 7) (5, 7) (4, 7)
(6, 6) (5, 6) (4, 6)
(6, 5) (5, 5) (4, 5)
(6, 4) (5, 4) (4, 4)
(6, 3) (5, 3) (4, 3)
(6, 2) (5, 2) (4, 2)

...Program finished with exit code 0
Press ENTER to exit console.
```