# C = 0.01

Minimum Penalty = 2.11204
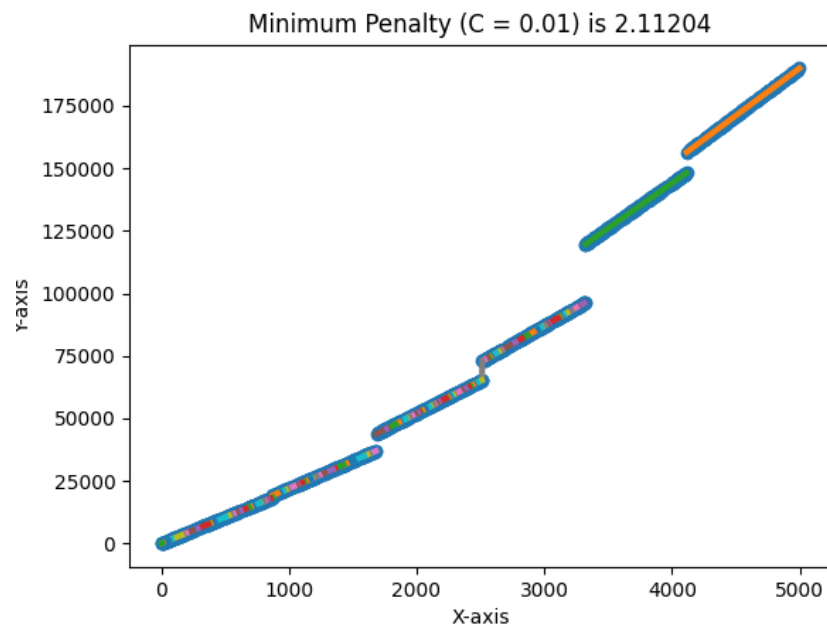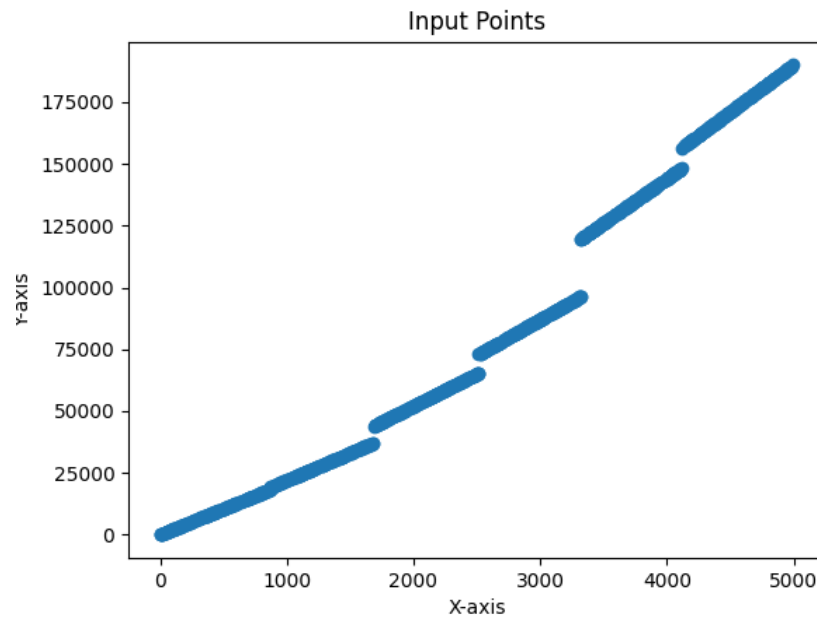Number of segments = 132
Running time (input):          21 ms
Running time (algo):          3315 ms
HEAP SUMMARY:
   in use at exit: 0 bytes in 0 blocks
   total heap usage: 4,022 allocs, 4,022 frees, 24,305,209 bytes allocated

### Input Points



### Minimum Penalty (C = 0.01) is 2.11204

# C = 0.03

Minimum Penalty = 3.34934
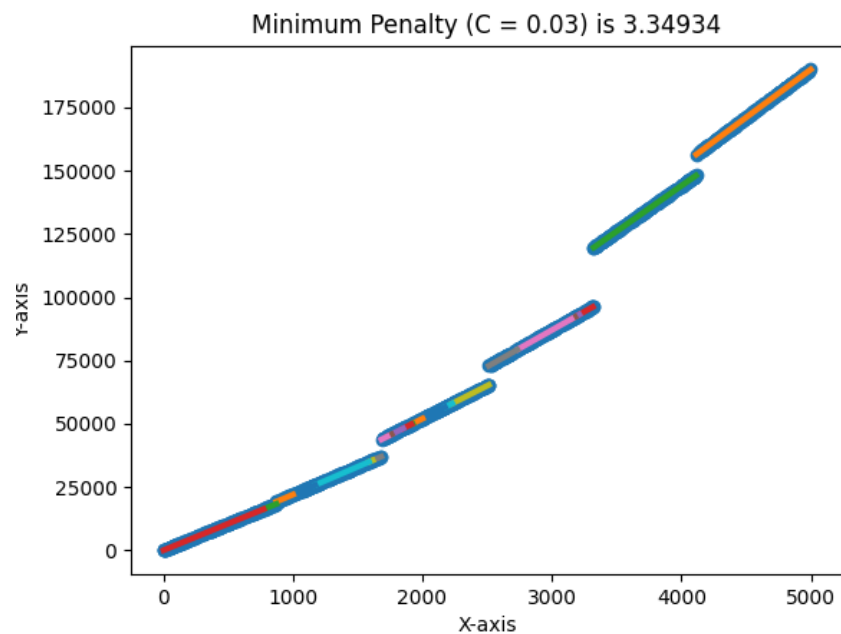Number of segments = 23
Running time (input):          20 ms
Running time (algo):           3287 ms
HEAP SUMMARY:
  in use at exit: 0 bytes in 0 blocks
  total heap usage: 4,022 allocs, 4,022 frees, 24,305,209 bytes allocated

### Input Points



### Minimum Penalty (C = 0.03) is 3.34934

# C = 0.05

Minimum Penalty = 3.57596
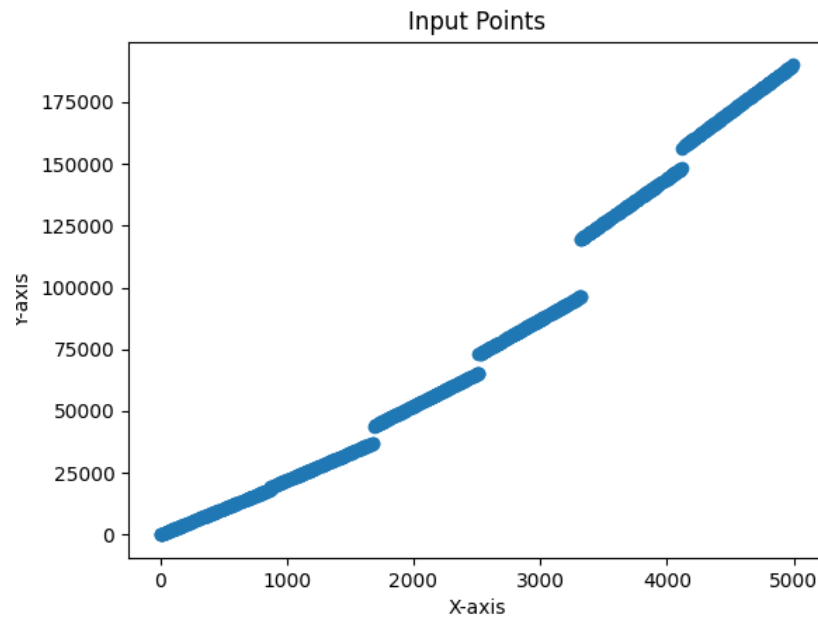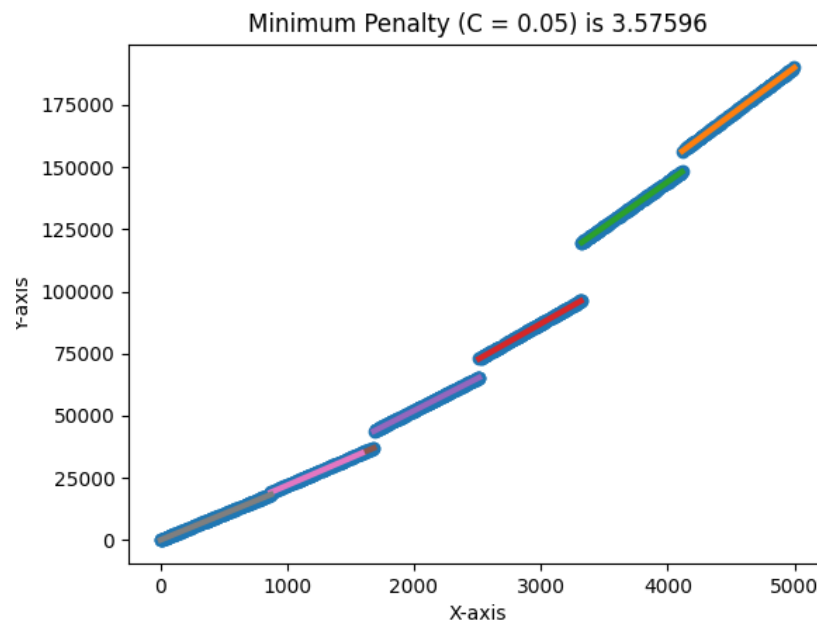Number of segments = 7
Running time (input):        21 ms
Running time (algo):        3340 ms
HEAP SUMMARY:
  in use at exit: 0 bytes in 0 blocks
  total heap usage: 4,022 allocs, 4,022 frees, 24,305,209 bytes allocated

### Input Points



### Minimum Penalty (C = 0.05) is 3.57596

# C = 1

Minimum Penalty = 9.29192
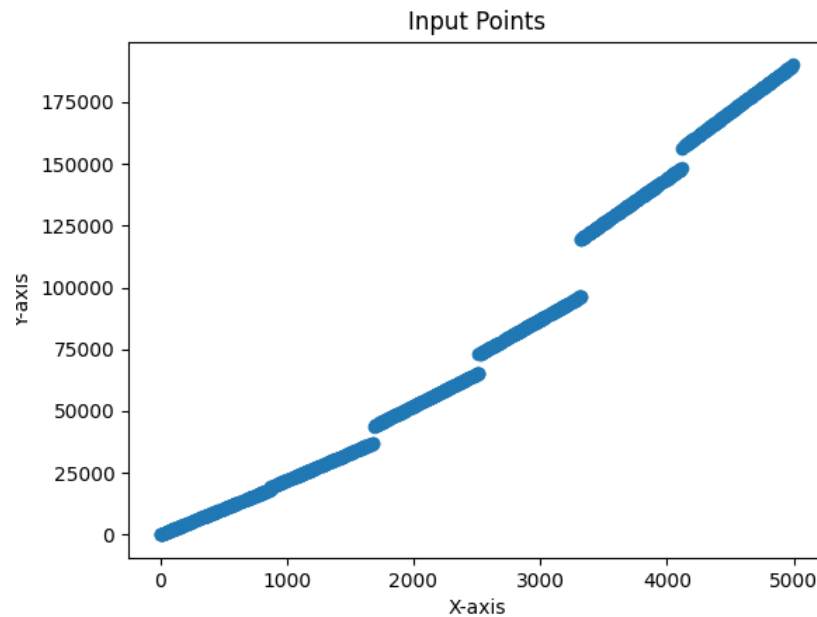Number of segments = 6
Running time (input):          23 ms
Running time (algo):          3288 ms
HEAP SUMMARY:
  in use at exit: 0 bytes in 0 blocks
  total heap usage: 4,022 allocs, 4,022 frees, 24,305,209 bytes allocated

## Input Points



## Minimum Penalty (C = 1.0) is 9.29192