

Adam Stevenson

1. This QAP took me about 5.5 hours to do.
2. I used lectures, ChatGPT, YouTube, and help from friends
3. I used Bradley Ayers for help.
4. I did not ask any instructors for help.
5. I would say that all of the problems were extremely difficult, and I wouldn't be able to do a similar problem without a lot of help.

```
/Library/Java/JavaVirtualMachines/amazon-corretto-11.jdk/Contents/Home/bin
Line 1 begin: (8 , 4)
Line 1 end: (6 , 10)
Line 1 X-begin: 3
Line 1 X-end: 2
Line 1 Y-begin: 8
Line 1 Y-end: 11
Line 2 begin: [3, 7]
Line 2 begin: [8, 12]
Line 1 length: 3.1622776601683795
Line 2 gradient: 0.7853981633974483
MyLine: [begin=(3 , 7), end=(8 , 12)]

Process finished with exit code 0
```

```
/Library/Java/JavaVirtualMachines/amazon-corretto-11.jdk/Contents/Home/bin
Height: 4.0
Width: 5.0
Area: 20.0
Perimeter: 18.0
MyRectangle: [TopLeft=(2 , 0), BottomRight=(7 , 4)]

Process finished with exit code 0
```

```
/Library/Java/JavaVirtualMachines/amazon-corretto-11.jdk/Contents/Home/bin
Diane Christie, 237J Harvey Hall, Menomonie, WI
54751
Balance: $0.00
Credit Limit : $1000.00

Attempt to charge $200.00
Balance : $200.00
Charge: $200.00
Attempt to charge $10.02
Balance : $210.02
Attempt to pay $25.00
Balance : $185.02
Attempt to charge $990.00
Exceeds credit limit
Balance : $185.02

Process finished with exit code 0
|
```