Judelle Gaza - CMSC 21 - Lecture 13 Assignment

```
#include <stdio.h>
       #include <math.h>
       float solveSlope(struct line linepoint){
           midpoint[0] = (linepoint.point1.x + linepoint.point2.x) / 2;
         solves the distance of the 2 points using values (x,y) points 1 and 2 from the structure ^st/
          return distance;
          struct line linepoint;
            linepoint.midpoint = solveMidpoint(linepoint);
            getSlopeInterceptForm(linepoint);
Example Output:
```

```
Enter (x1,y1) for point 1 [ex. 2 2]: 4 5
Enter (x2,y2) for point 2 [ex. 3 3]: 8 9
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Slope: 1
Midpoint: (6,7)
Distance between 2 points: 5.65685
Slope Intercept Form: y = 1x + 1
```