**Problem 2 (MATLAB Solution)**

1. **Working Code**

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1. **Execution of Program**

B.1. Run the program. The introduction is shown in the command window and then asks for the x and y components of the first pointA screenshot of a computer

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B.2 After encoding the first point, the program then asks for the second point

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B.3 After encoding the second point, the program then asks for the third and last point

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B.4 After all the points are encoded, the program then displays the solved parameters of circle that lie on the points

For this, the points encoded are (-3,4), (4,5), and (1,-4). The parameters of the circle solved given those three points are: Center = (1,1), Radius = 5, and vector [D,E,F] = [-2,-2,-23].

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