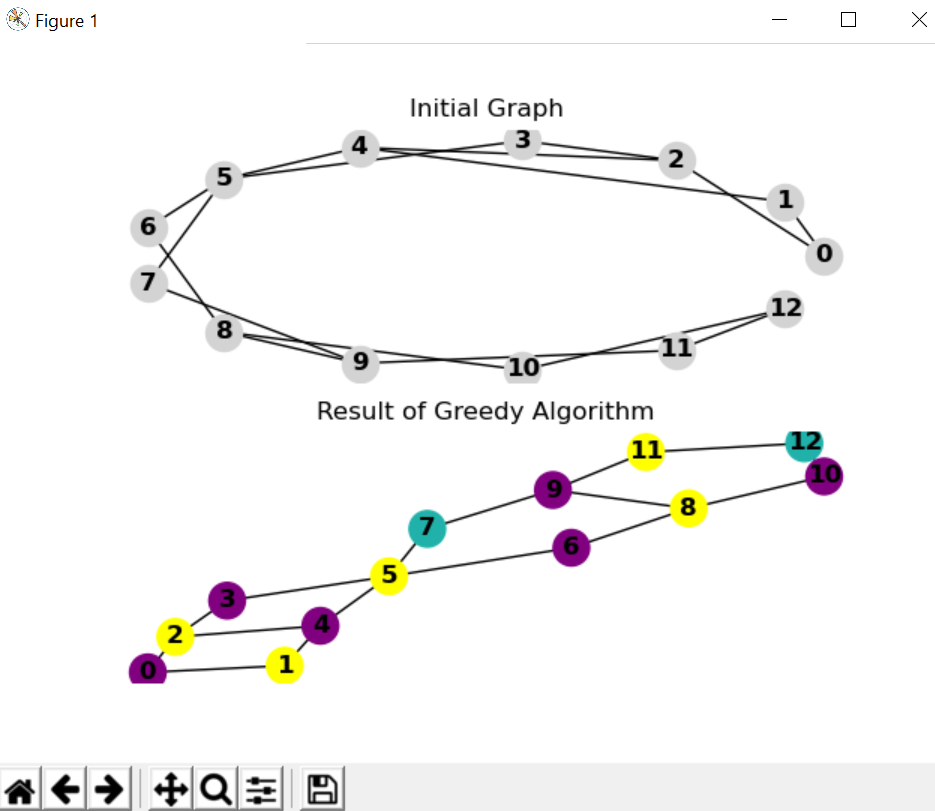
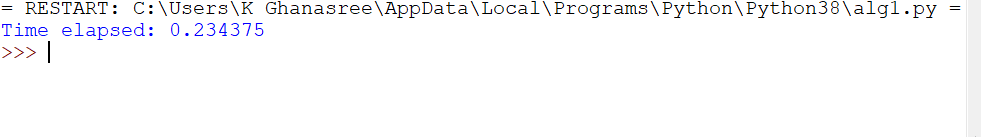
**OUTPUT SCREENSHOTS:**

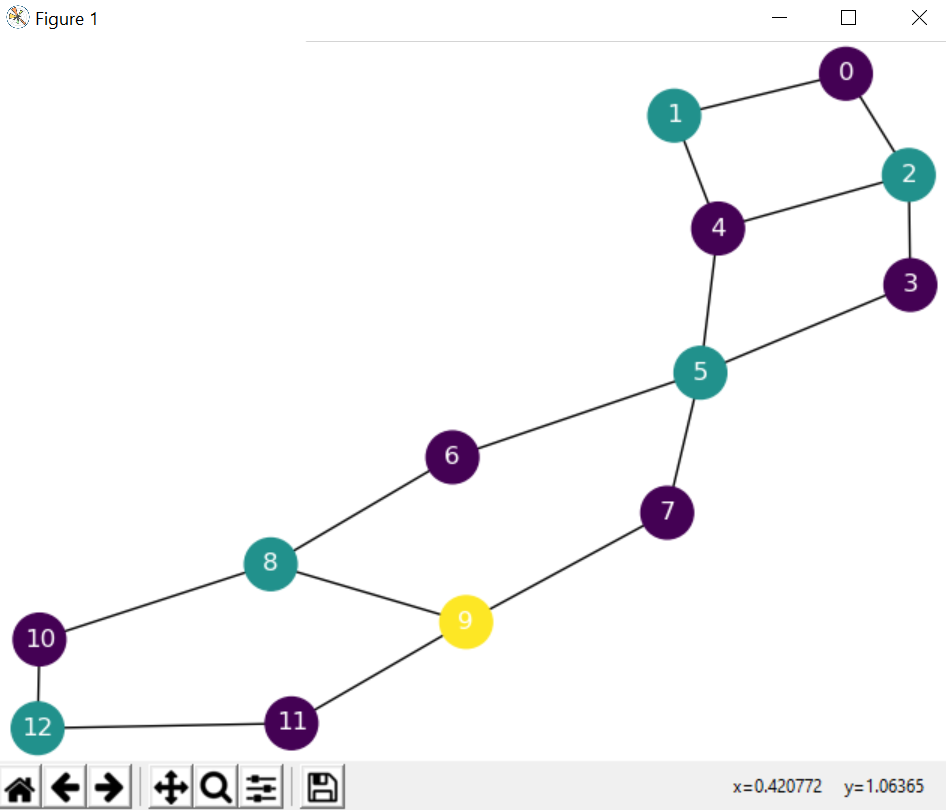
**GREEDY ALGORITHM:**

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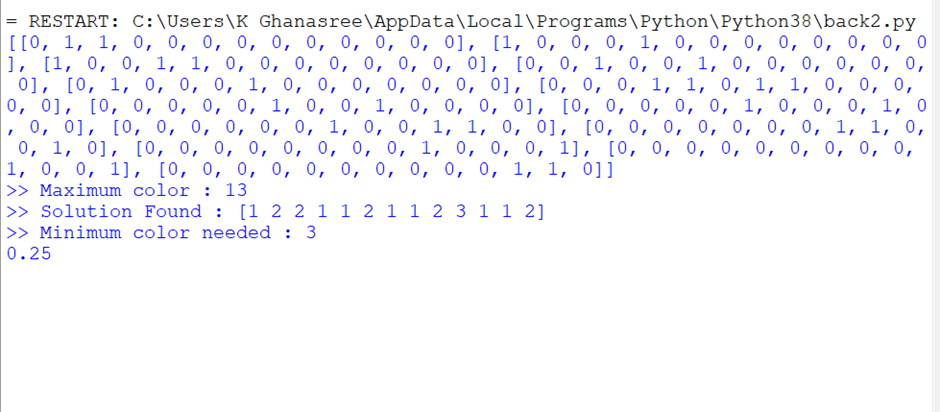
**Time elapsed:**

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**BACK TRACKING ALGORITHM:**

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**Time elapsed:**

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