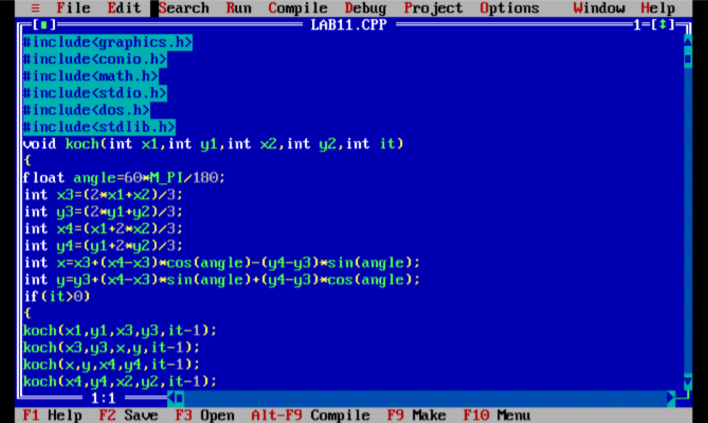
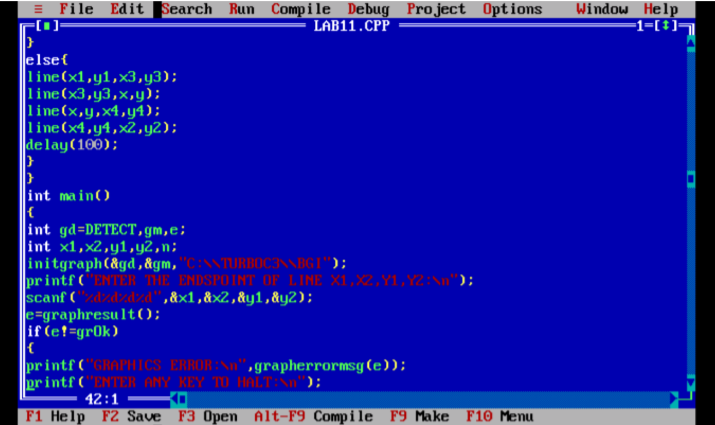
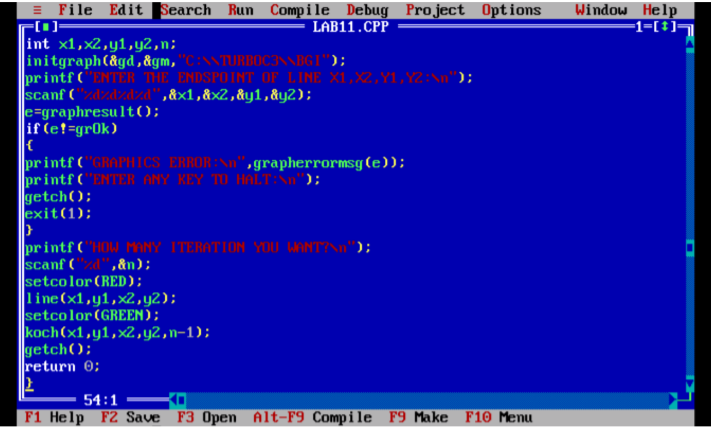
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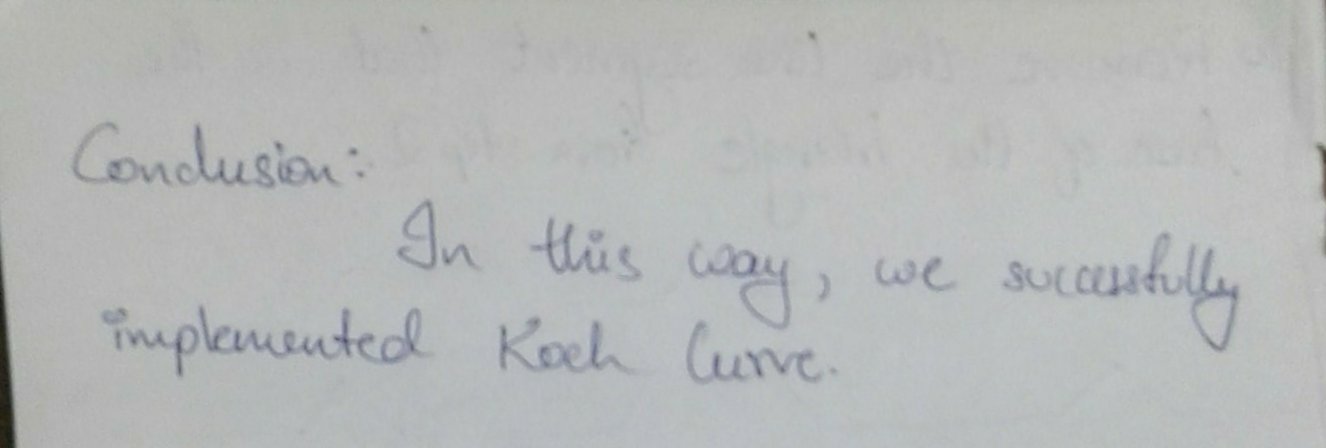
**Code:-**

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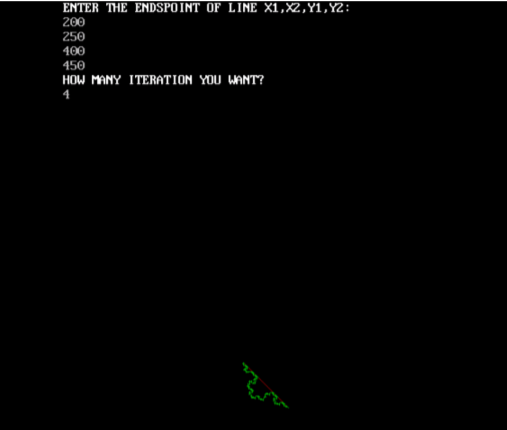
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**Output :-**

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