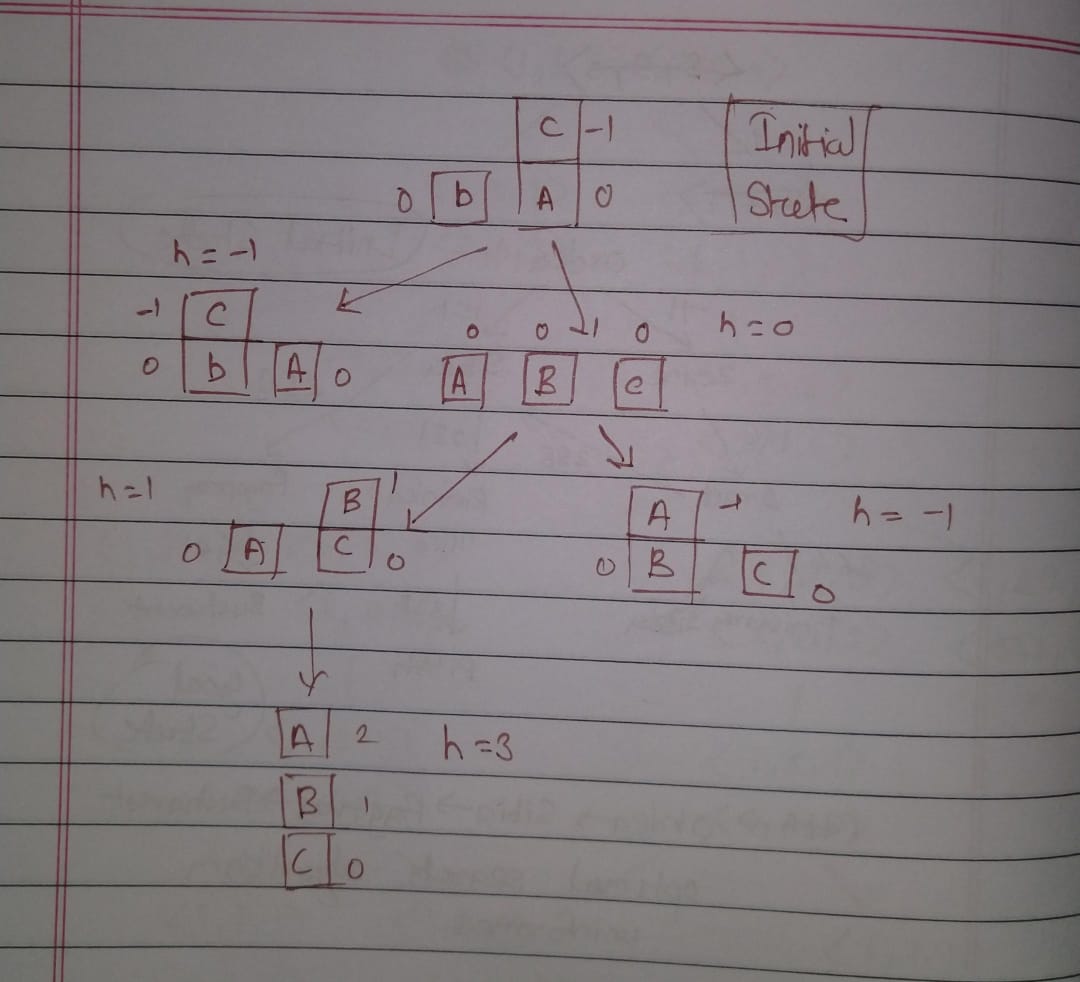
**Assignment No 4**

**Shivam Navnath Giri**

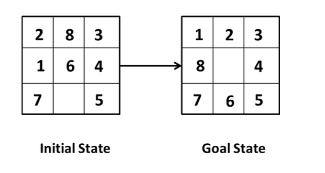
**CDAC PGDAI SILCHAR**

**FOI**

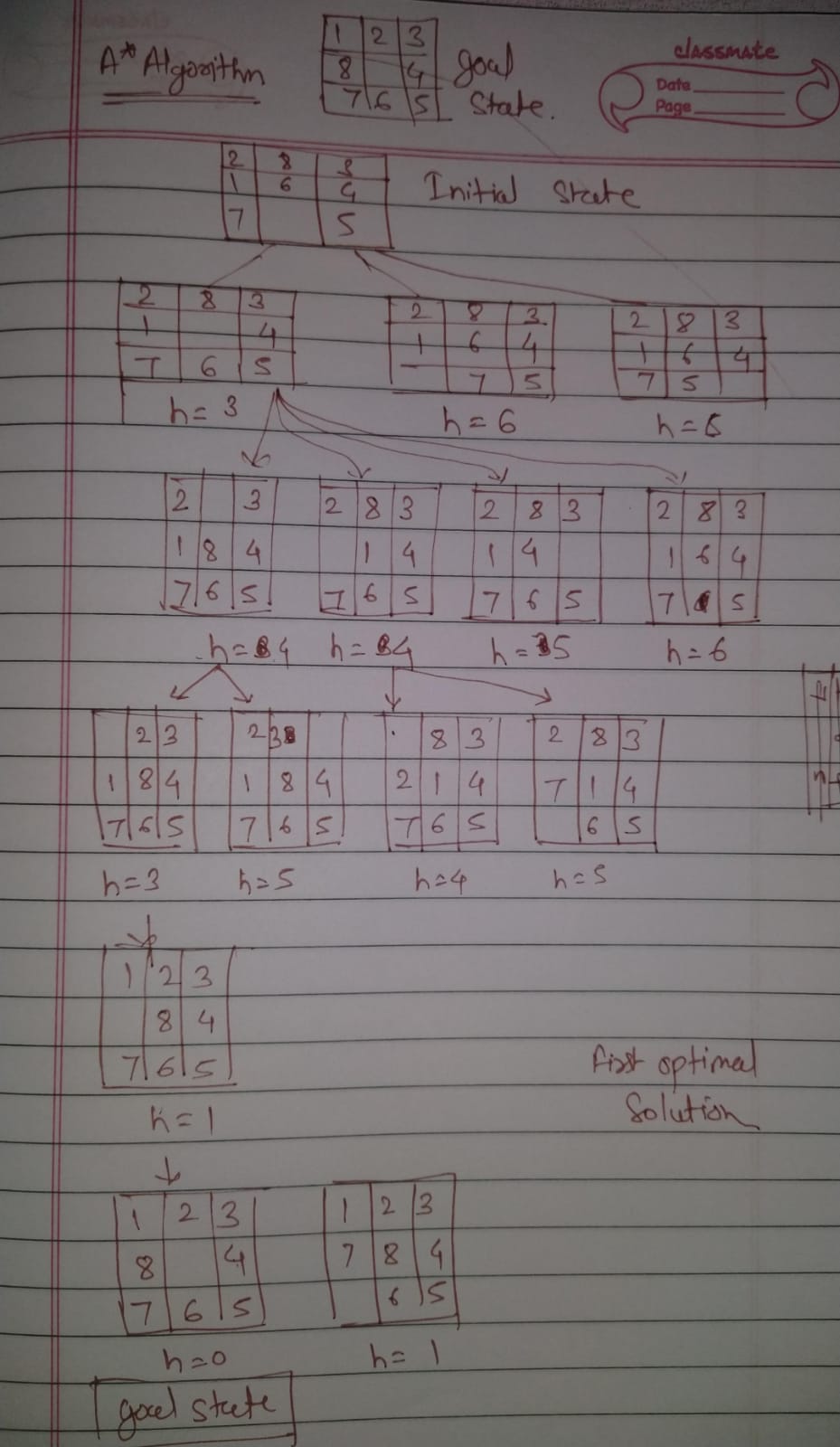
**Q1 . Given the blocks world indicated in Fig. Solve using Global heuristic function**

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**Q2.Solve using A\* Algorithm ()**

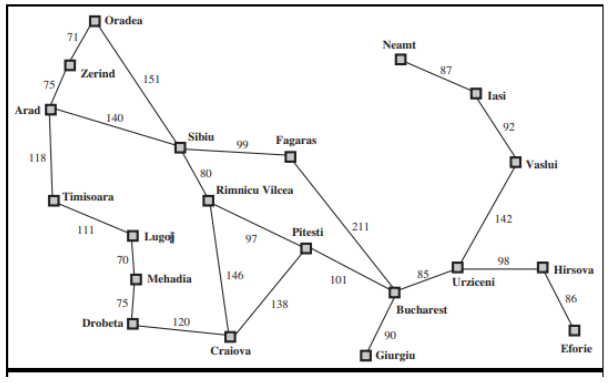
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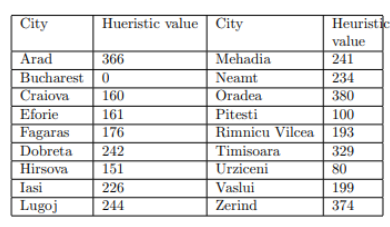
**Solution :**

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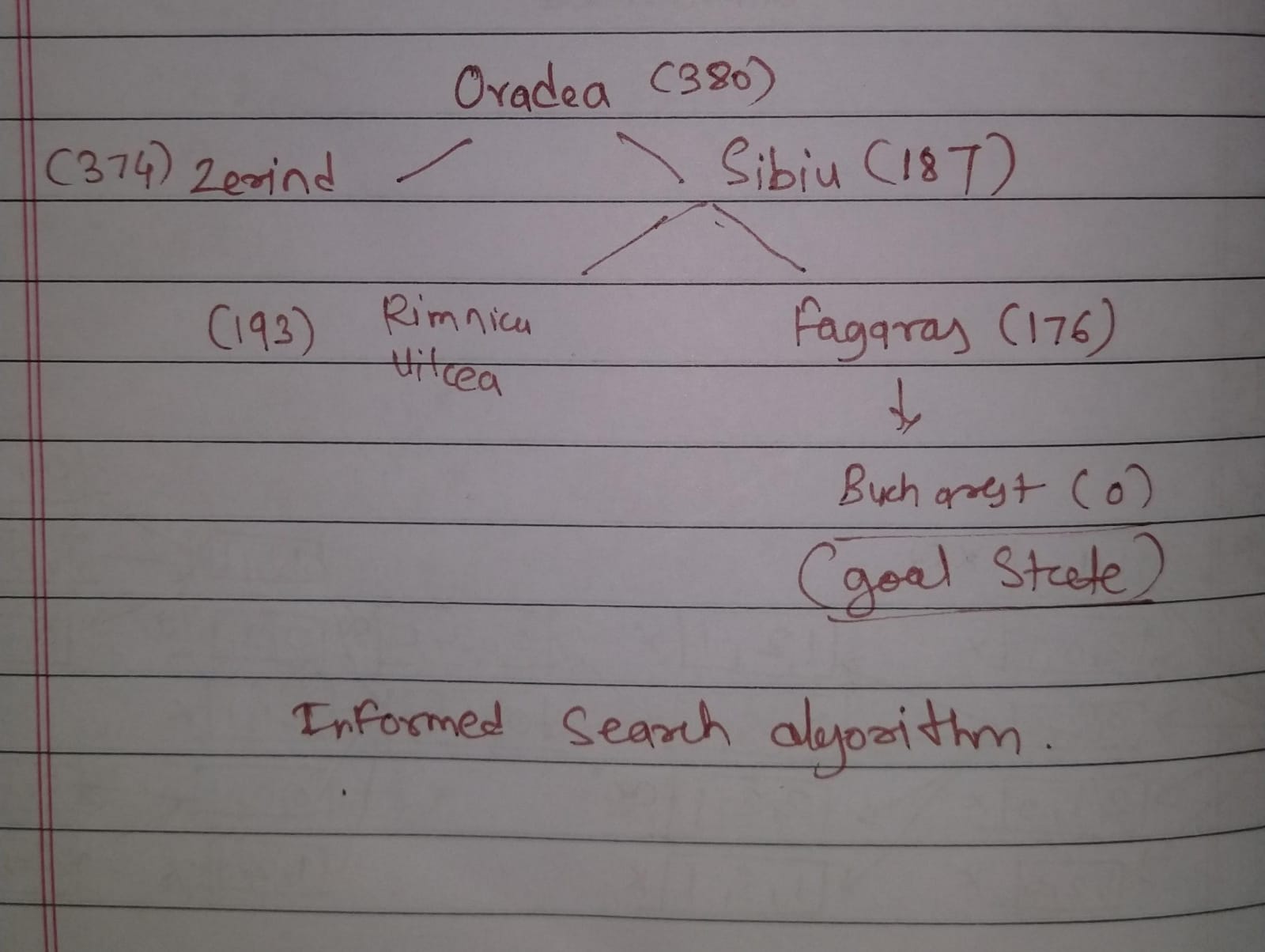
**Q3. The map of Romania is given. Start node is Arad and Goal node is Bucharest. Find the**

**optimal path using informed search algorithm.**

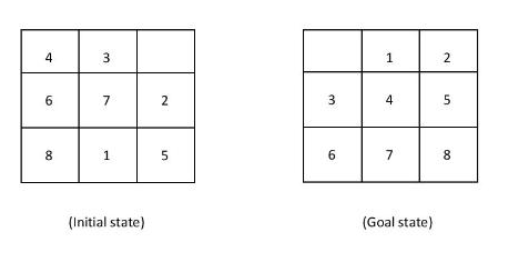
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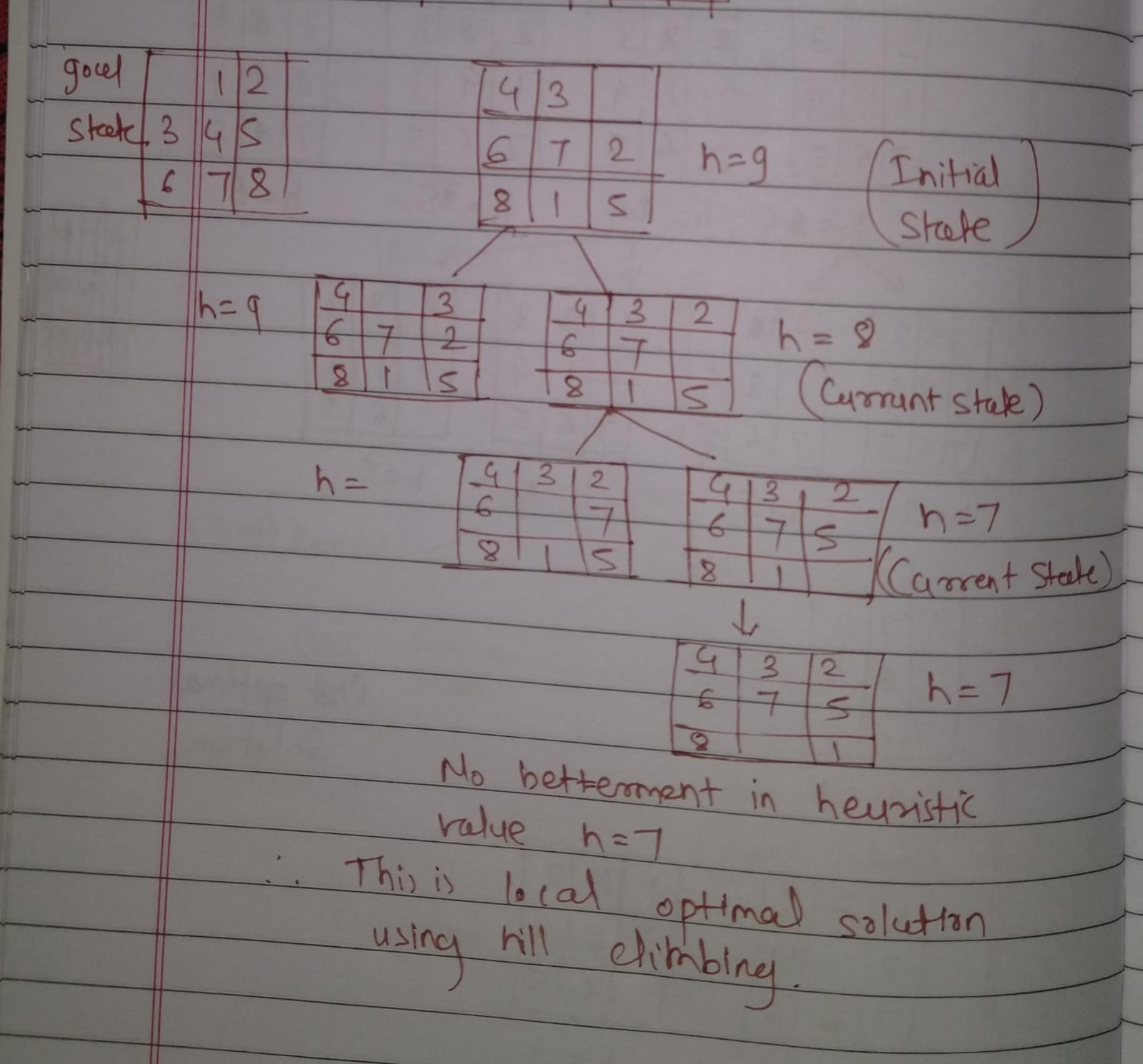
**Solution :**

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**Q4. Solve using hill climbing Algorithm**

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**Solution :**

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