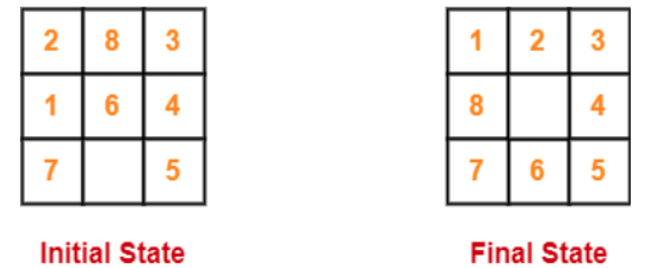
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Roll No.: 120CS0124

Given an initial state of an 8-puzzle and final state to be reached: -



Find the most cost-effective path to reach the final state from the initial state using the A\* algorithm.

Consider g(n)=Depth of node and h(n)=Number of misplaced tiles

**A\* Algorithm:**

**Code:**