-	Tutorial No: - 02
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	Class: - BE-IT
	ROII No: - 51/13
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control storategy for the 8 Aprile problem that corresponds to 3 components These elements are the Problem Acites moves and good. In this problem each tile configuration is a state . The set of all Possible configuration in the Problem space. consists of 3.62.886 different configurations of the 8 tiles and blank space. For the 8-Puzzle a straight forward description is a 3x3 carry of matrix of numbers. Initial global detabase is this description of the initial Problem State Vistuary any kind of data structure can be used to describe states. A move transforms one problem state into another state the 8- pazzle is convenienty interreled as howing two following for moves: · move empty space (blank) to the jest move blank up. move blank to the right and move blank down inese move blank down, modered by Production rules that aperate on the state of escriptions in the appropriate manner The goal condition from the basis too me termination The contered Strategy repeatedly applies rules to state descriptions unit until a description of a goog stade is produced. It also keeps tracks of rules that have been applied so that it can compose them into seggence

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