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Tutorial-02

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	Name-Poonan Sunil Palil.
	Class - BE.IT
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	Subject - AI
	/ नानरीपेन भाषाता ।। रेक्टरे
Marie A. Co. Process Construction of Construct	197
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	I all the think
Nonconstitution and an amount of the second	
and other states of the states	

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-		y 20	
			Aim - To understand state space based problem
			formulation of AI problems So that problem
		Tens si	solving Agent can be applied.
	n sh	,00	il dora dilla calleta dilla acitalità
_	;		Theory: Agent First formulates goal and problem
	À-,		then determine on rather Searches on action
_			Sequence, after which it returns the next
-	12 milion	100	action to be executed in a sequential monner.
_	ant.	120	leaves at the of a continue of the state of
	• (%+)	1	Function: SIMPLE-PROBLEM-SOLVING - AGENT returns
			an action, and
-	·	m (7	Static : Seq on action sequence, initially empty
3	,	1 /+	state. Some description of current world
_	~** F 41 4	17. 5	Stategoal: a goal initially null.
			problem a problem formulation.
_			State <- Update - STATE (State, percept)
w t	stituation	wi	if seq is empty then do
_	. 141	n, hy j	goal - FORMULATION . GOAL (State)
	45.	3	Problem < FORMULATE - PROBLEM (State, goal)
			Seq < SEARCH (Problem)
			action FIRST (seq)
	Ou a	110	Sog x RF5T (Seq) mall (sides)
			Mediceturn actionistic a land that it
		_	Tritial state - It is the starting state that the
		7.	parablem is in
4	24.2. A.7.2.	4,2	problem is in a soul of stopping !
	reli en en		Delicity of the
			Actions - The defines all possible actions available
			to the agent, gluen it is in Some of Int C
			It is the function Action that returns list of all

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1		
and the state of t		possible actions.
	41 Y	The second secon
	-	Transition model: also known as Sucressor
		function which define which state the system
A 17. 10 W	Line	tend to move to when a particular action is
17	1-5	executed by the agent.
,	,	and the second of the second o
315 13		Goal Test: This act as astopping Condition when
		the state Poused to this function is goal state
Train 3	1	it will return true & searching would stop.
-,		- Thomas Harring
10000	1-,	Path Cost: It is accumulated cost of performing
Jacky and		Certain Sequence of actions. This can help
		in determining weather the action sequence under
		consideration is optimal.
4474		he got spile a grant of the day
		This a problem con formally specified by identifying
		initial de state: actions i transition model,
More	~l	goal state, optimal solution is the lowest path
. Protection and the second second		Cost of all solutions.
		in the rest of the second of t
	_	Idonking: They will dearly show state space up
		to depth level 3 which ever is shallowest.
- 1	i j	of it out oft of it - date foilist : - i
	11 1	Havigale to KUCE workshop from HOD 77
	11 1	cabin with minimum number of moves, moves
		Can be climbing or alighting stains se ituming
- million -	10.4	lest night neaking through a comidon.
		ounder bette gibed anthough all setters
	Ш	

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2. 8 Aussle Moblem. 3. The missionaries and Connibals problem. There are three missionaries & three Cannibals who must cross a river using a boat which can carry at most two people, under the Constraint that For both banks, if there are missionaries present on the bank, they cannot be autnumbered by Cannibals if they were, the Cannibals would get the missionarries. 4. No Queen's problems, Armange No queens on a to cross No chess board where no two queens attack each other. 5. Two moon vaccum cleaner world.	OCEKOCE	*DOEKOCEKOCEKOCEKOCEKOCEKOCEKOCEKOCEKOCEKO
There are three missionaries between Cannibals who must cross a river using a beat which can commy at most two people, under the Constraint that, for both banks, if there are missionaries present on the bank, they cannot be autnumbered by Cannibals if they were, the Cannibals would est the missionaries. He was a forming the Movement of the Cross Miches board where no two queens attack each other. 5. Two room Vaccum cleaner would.	٥.	8 Puzzle Moblem.
4. N Queen's problems, Arrange N queens on a r cross N chess board where no two queens attack each other. 5. Two room Vaccum cleaner world.	8	There are three missionaries & three cannibals who must cross a river using a boat which can carry at most two people, under the constraint that, for both banks, if there are missionaries present on the bank, they cannot be outnumbered by cannibals
cross Michess board where no two queens attack each other. 3. Two room Vaccum cleaner world.		
a. water Jug Problem.		cross N these board where no two queens attack each other.
	Q.	water Jug Problem.
The state of the s		