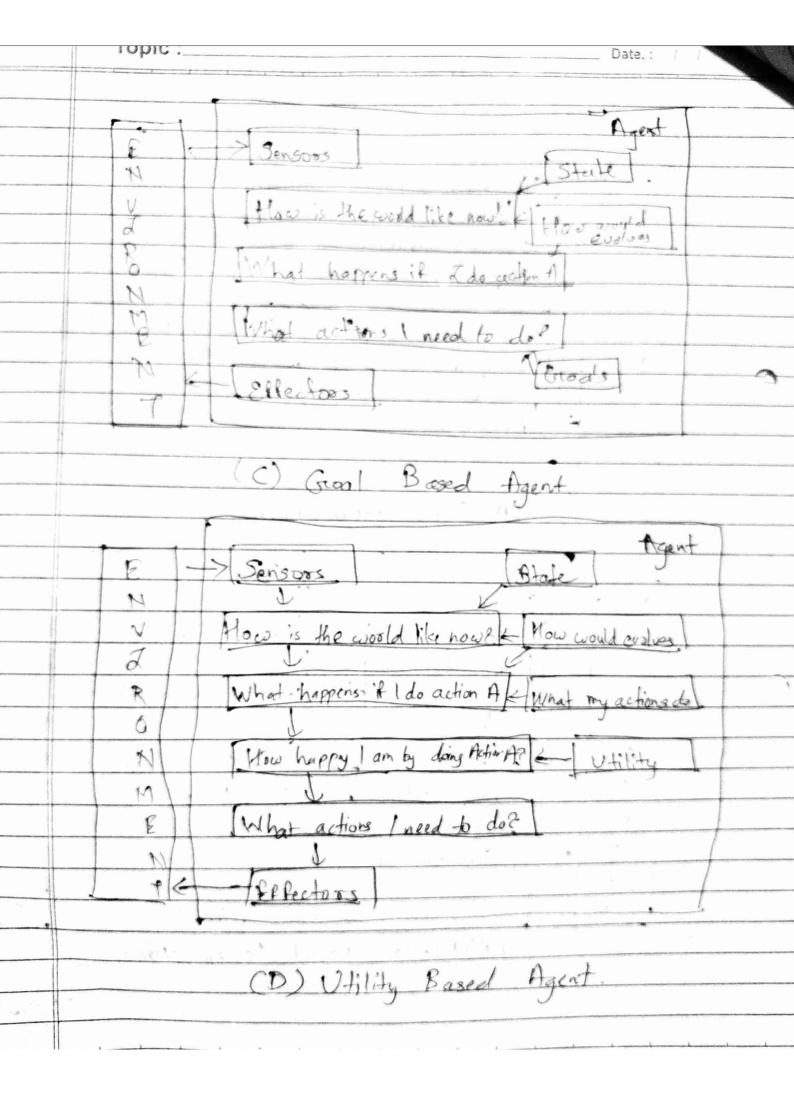
and the second s	Topic: Tutorial No. 1	Page No.: Date.: / /
	Name: - Pronay Arvind Mate	
	Roll No: - 36	
	Subject: AI/IS Lab	
0	Std/Boarchi- B.E/J.T	
<i>(</i> 1)		

	Topic :	Tutorial 1.	Page No. :
	Tutorial	1: Design o	F Intelligent Agent
	Alim: To Abstraction Agent environment	uncliestend of by studying somment, dask types:	he concept of Agent definition of Rational Agent, Environment Descriptors,
-	Theory: An	Astificial Inagent and its	telligent (AZ) system is composed environment.
_	ffectorso		upon that environment through
	This can b		in fig 1. An agent in
-		Perce	pts Sensons
			Effectors
	Envi	ronment	
-1		Act	rions
	NT	Azat with	Environment
<u> </u>	<u> </u>	Agent with	
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	Date.:
	Topic:
	Human agent has sensory organs such as eyes ears, nose tongue and skin parallel to the sensors and other organs such as hands legs, mouth, for effectors.
	Robotic agent replaces commerces and infrared range finders for the sensors, and various motors & actuators for affectors.
	Software agent has encoded bit strings as its
o o	gent structure can be viceved as a combination of gent architecture and Agent Program. Igent Mechitecture refers to the machinery that an gent enecutes on whomas Agent Program is an appenentation of an agent function.
Sin Lh	aple Refler agents choose cutions only based on e current percept only. They were reational only if a correct decision is adde only on the basis of current percept.
 	ent environment for such agents is fully observable.
-thi	ey maintain an internal state as a persistent information
	For Educational Use Only



3. Static or Dynamic:

The prison ment does not change while an agent
is acting then it is static, otherwise it is

dynamic.

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	Topic:	Page No. : Date. : / /
	4. Deforministic or Non-deterministic of the of the environment is completely of the current state and the artions of the the environment is deterministic; others is non-defortministic.	etermined by
	6. Episodic or Sequential In an episodic each episode of events consists of perceiving and then acting.	envisonment, the agent
	The quality of its action depends of the previous episodes.	n the actions
#:	1/2 Accessibles de	er er
	5. Single agent or Multiple agents:	187 d
-	he envisorment may contain single	1000
-	other cogents which may be of the different kinds as that of the cogen	same or
_	different kinds as that of the cegen	+ wash
	These agents may be a -operating or	competing
	with each other	
	this a declarate of all the	
1. 7	F. Accessible or Inaccessible:	
4	If the agent's sensory apparatus can	have access
	to the complete state of the environ	inment, then
	the environment, 15 accessible to the	hat organt.
		A DE STATE OF THE
	The second secon	de ve
		0.1

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Markina:	
Inlanking:	
Search interior	
Bearch internet for Ad based application	ns in
following scenarious and identify who for that application.	is agent.
further list out PRAS descriptors for a	agen-
tinally toy to classify task environment like a list of attributes from above I task environment properties.	properties list of
1. Autonomous Lynax Rover	
2 Deep Blue Chess playing committee	
- had the habitan	puter
program created from 1964 to 1966 at the AZ Laboratory by Joseph We'zenbaum.	CIT
Ha Caboratory by Joseph We'zenbaum.	
4. Automatic Portfolio management. 5. Sophia is a social humanoid robot de	
Dopphia is a social humanoid robot de	veloped
by Hong Kong bused company Hanson Roboti	(5.
6. AlphaGw is a computer program that	plays
the board game Go	
7. Apples virtual assistance Siri	
8. Endurance: A compony for Dementia Patie	inte
3. Casper: Helping Insomniacs Gret through	H. N111
10. Maryel ? - Greating the Galdong with	camic -bank
Lyossoner	CONTIC - 1000
11. Automated Cooss word solver.	
Word Govern	, , , , , , , , , , , , , , , , , , ,