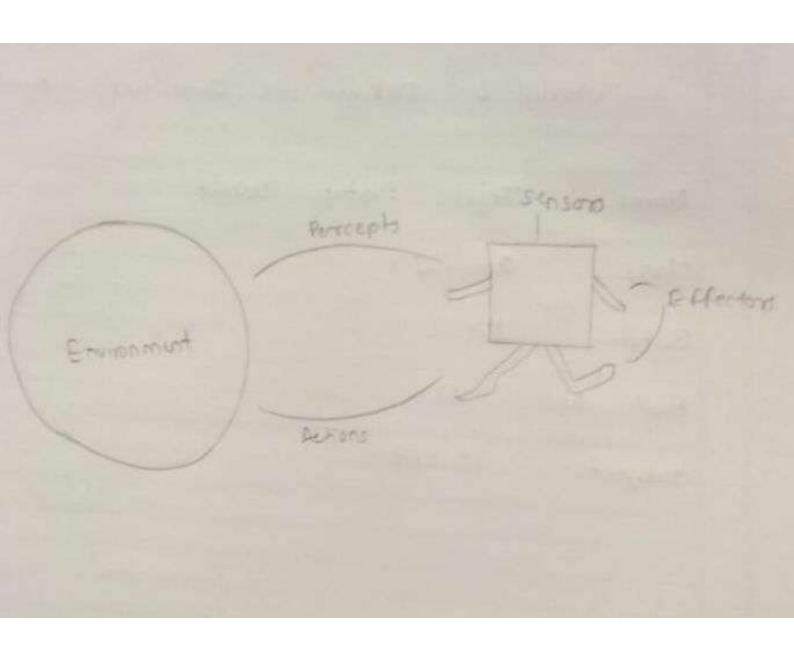
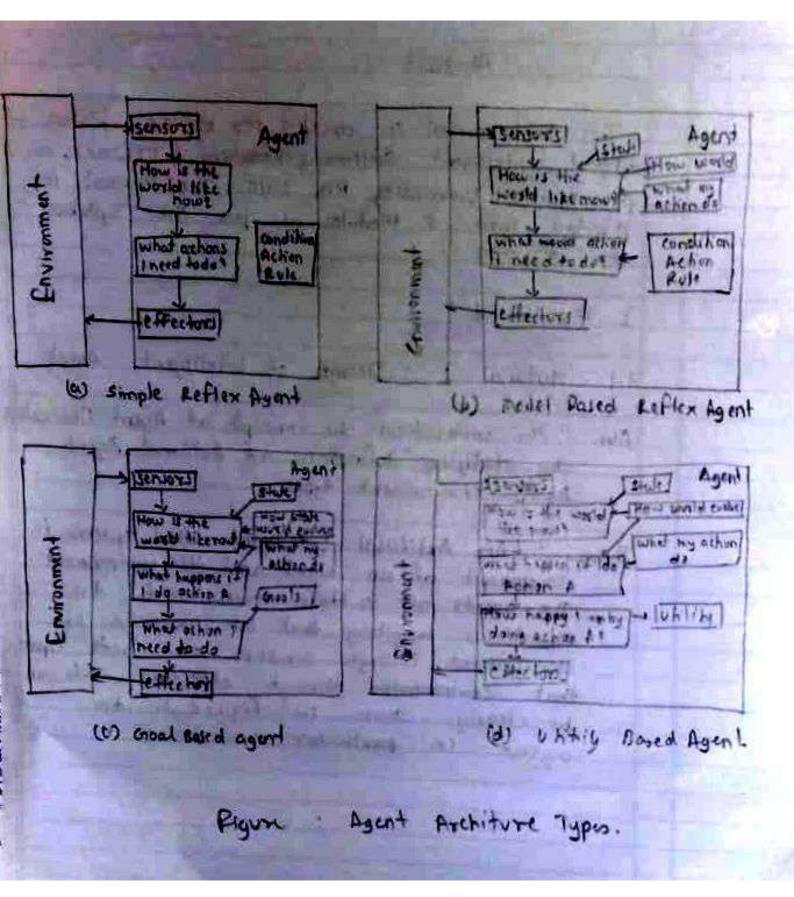
Turoxial 1: Design of Intelligent Agent Name: Shashank Bagesh Pandey ROUND: 43 Sub: A.I Class: B.E I.T DOA DOP Mark Sign





n.G.C.E. Karjat - Raigad Agent structure can be viewed usa Agent Program Agent Architecture refer on whereas Agent Program is an implementation of an agent function tigure Show hur important type of argent architecture. As seen in figure 2a, Simple Reffer agent choose achon only based on the current percept only.

Agent environment for such agent. fully observable model Based a reflex Agest as Shown in Figure 26 use a model to of the world I to choose they action. They maintain an internal as a pessistent information hoal based their a chon in order to a chieve goals Goal-based approach is more flexible than reten agent Since the knowledge supporting to desision is explicitly modeled, had are inadequate when then we conflicting goals; out of which only few can be achieved, goal home some uncertainly of being a chieved by you need to weigh like throad of Sucress agant the ing of

DAILE .

DAILE . Deterministic or Non-deterministic If the next state of the environment is completely deterministic by the current state and the achon of the agent then the environment is deterministic otherwise it is non-determinishing 6 | Single agent of multiple coget:

The a environment may contain single agent or other agent which may be the Same of agent these agent may be co operating or competing with each other. 7 Accesible or Inaccessible if the agent's sensory apparatus can have access to the complete state of the environment, then the onvironment is accessible to that agent Working Search internet for Al based application in following scenarious and identify who is agent by that application. Fyother list out PEAS descriptor for agent envisonment properties like a list of afforbute from above list of I task Environmet Progerhes.

	SENGUENGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEK
	Deep Blue Chess Playing computer
	program.
	parl salen 11 saleh
	performance measure: win/lose/draw, safety
	piece, no of move , time of each
	move.
	GVA
	environment: chess board, chess pieces
	Actualors: pesktop & pu
	Sensor o chesa brada
	Task environment properties: Discrete, fully Observable static Determination sequential
	Single agent Aecessible
2	Eliza, the NLP computer program creded
	from 1964 to 1966 at the MIT Arbihad
	intellegence laboratory by Joseph
	Weizenbarm.
	Performance measure: understand user, mountaining
	conversation
	Eniverment: user - program keybaard, User text
	Actutor: Tenta
	Semons: use texts inputs
	Task environment properties; condinios; July
	observable. State, Detorminite. Sequental
	Single agent : Accesible.

KGCEKGCEKGC	EKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGC
	Sophia is a Social humanoid robot developed by hong kong based company hourson Robotics.
	Performance measure : Understanding maintaining conversation facial expression, time.
	Enhironment: human, object. Actuator: Asm, month leave legs Speaker Sensors: Eyes (cornera), ears mic audio Sensor
	Task environment properties: Continous Fully observable Dynamic Determinh a Sequential Single Agent accessible
4)	Apple's virtual assitant siri
	Performance measure: understanding user text 2 speech producing but result Summoring Chrigger response speed
	Environment: User, Speech tent Actuators: Mobile Screen speaker Sensor: Mobile Screen mic button Task Environment properties:
	Conhnows. Fully Observable States Determinishe Episode eingle agent Accepible

10

EH

The second

K.G.C.E. Karjat - Raigad Automated Coossword Sta Salver. performance measure: Understanding hints analyzing hidden and visible letter time to Environment: Hint, visible letters, crossword board Actualor: Desktop seen Screen pregram