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lec1 Q & A

Q1 ** ***in history of computing .. there was num. of Trends .. in one line explain each of :*

** Answer :

1. *Ubiquity .*

2. *Interconnection .*

3. *intellegence .*

4. *delegeation .*

5. *human-oriantation .*

- description :

1. *Ubiquity :* lower cost of computing resources make it economic and allow it's existence to increase in our life .

2. *interconnections :* computers now are connected in large distributes systems .

3. *intellegence :* complexity of tasks that computer can do Increases Continously .

4. *delegation :* now .. we delegate the computer to perform our tasks .. also critical tasks .

5. *Human Oriantation :* Programming languages continously upgraded to be so close to Human languages .

** Q2 : intellegence and delegation in computer systems imply us to build computer system with some characterstics .. show them ?

1. ability of computer system to act independently .

2. ability to act as human interests .

** Q3 : interconnection and distribution in computer systems are coupled with some need .. show them ?

1. ability of computer systems on cooperate together .

2. ability to negotiate if there is any conflict in their interests .

** Q4 in this course we cover 2 main problems in Agent design and society design ,, explain them ?

1. Agent Design : How can we build an Agent that perform autonomous independant actions that satisfy it's goal

2. Society design : How can we make these agents interact together , how to cooperate and negotiate .

** Q5 give examples for agent in our world :

1. Space craft control

2. air traffic control

3. internet agents

** Q6 true or false .. multi agents system is affected by many fields as economic , social science , etc !?

- true

** Q7 researchers have different vision to multi agents systems ,, describe these visions ?

1. Agents as paradigm for software engineering .

2. Agents as tool to understand human societies .

3. multi agents system as primary a search for appropriate theoritical foundation .

*Q8 ** What is ?*

1. *Agent ?*

2. *MultiAgent System ?*

3. *intellegent Agent ? ("lec2")*

** Answer :

1. Agent : computer System that take Actions that satisfy it's goal indepndantly.

2. MultiAgents System : nom.Agents that interact together .. each one has it's beliefs and goals .

3. intellegent Agent ? computer system able to perfrom flexible autonomous action in some ENV .