DAILY ASSESSMENT Name: AKSHATHA.Y.E USN: 4ALI8ECO05 DATE: 22/05/2020 Servester & . IN SEM & Section : A SEC Course: TCS-ION Corrier EDGE Topic: Artificial Intelligence Repository: Alyshatha · Astificeal Intelligence: intelligence in an artificial device. McCourthy in 1956 coined the term. · The Turing Test: · Typical Al Problems: -> Expert tacks. -> Mundance tooks. eg: copy machines. · Practical Inspact of AI: -> AI systems are in everyday use. -> detecting credit cond fraud. · what's easy and what's hand? -> Symbollic integration. -> Proving theorems. -> Playing chess. . Intelligent behavious: -> Pexception. -> Reasoning. -> Learning. -> Understanding Language -> Solving problems.

Github

· Applications:

-) Computer vision.

→ Image Recognition.
· Internet agents:
→ Monitor user's tasks. → Seek needed information.
· Approaches to AI: -> Huran life> Non human life.
· Limaits of AI today:
· What can AI systems do:
· what can't AI systems do yet?
· Foundations: → Philosophy. → Billogy. → Psychology.
→ Psychology.
-> Languistics.
· History: Aristotle. (384-322BC)
-> Ranon dull. -> Descurtes (17th Century).
-> George Boole Cloth century). -> Charles Babbge & Ade Byron
-> 1990's: Major advances in all areas of AI. -> 2000; The Mornal robot explores remote regions of Antarctics working for metarote samples.
of Antarctics working for metarote samples.
Agents: Operate in an environment. Denceives its environment through sensors. Denceives its environment through sensors. Acts upon its environment through actuators & effectors.
actuators l'effectors.
· Poolongage:
· Rationality: Perfect Rationality. 3 Bounded Rationality.

* Envisonment Determinism:

Deterministic: The next state of the environment is described by the current state.

-> stochastic: If an element of interference or uncertainty occurs then the environment is stochastic.

-> Strategic: Environment state wholly deformined by the preceding state & the actions of multiple against is called strategic. Eg: chess.

· Table based agents:

-> Information comes from sensors - percepts.

-> Triggers actions through the effectors.

State based agents:

-) Information comes from sensors-percepts.

-) Changes the agents current state of the coorld.

-) Based on state of the world and knowledge, it triggers actions though the effectors.

· Utility based Agent:

-) A more general branework.

-) Different preferences for different goals.

-) the agent acts so able to maximize expected extility.

Repressive kind the

. Répressing knowledge: successful agent design.

Python:

1) Numby:

Normby is the library for the python program - ring language, adding support for large, multidimensional arrays and matrices, along with a large collection of high-level mathematical.

to Numby Arrays using cu's by · How to convert mage imporing cv's to jupyton

· Indexing, slicing and iterating of Numby away.

Noriby away.

Norizontal or vertical

horizontal & vertically splitting.

Ch spit) (2 scrt) · Stacking and splitting stacking it may be stacking. Splitting done

· Application 2: Create web map with python & Folim

-) . Webriap: How the olp will look like.

- -> Base righ using , creating, Installing, Roling.
 -> Adding boints to base right through python program.
- -> Adding nultiple points to base right though python programing.

-> Adding point from files.

- -) Popula condows on map.
- -) HTML on populos.

-) Color pointer on Map.

-) Add and stype points (practice)
-) Knowing about geoj son Data and
Geojson polygon layer to map. adding a

-> Knowing About choropleck map.

- Layer control panel on the map.