ARTIFICIAL INTELLIGENCE (WORK#1) MTMTFS	
TIKILFICIAL INTELLIGENCE	
Definitions	
Intelligence: Ability to learn and solve problems	
TIDILITY TO TEAM OF A STATE	
The study and design of intelligent agent, where an agent is	
a system that perceves its environment and takes arctions	_
that maximize its chances of success.	_
The roof ordinal soll-announced adjusted on the	
Applications of AI	
- Smart Search Algos (eg: Traveling Solesperson)	
- NLP Applications (eg: sourcech engines)	
- knowledge base Apps (eg: logic based gomes)	upe y
- Machine Learning (eg: Facial Relignition)	
Existi same and should aver	
· Hard or Strong AI:	
Generally, AI research aims to create At that can replicate	
human intelligence completely.	
Or ATI applies Mat an alle au propins de home a debello	
Strong AI 1- machine that approaches or supersedes human intellige	2/
-if it can apply wide range of background knowledge	400
- if, it has some device of self-consciouners.	Je
= 1F 14 Mas some began of serr-consciountests	
Stung AI aims to build machiner whose overall intellectual	
ability is indistinguishable from that of a human being.	
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· Soft on Weak AI:	
Salar	1 62834 138873543
Weak AII- use of software to stud	i or accomplish execution
problem solving or red	asoning tasks that do not
expanses the full in	age of human cognitive abilities
Does not achieve self.	awareress; demonstrates a fau :
level of human-leve	l cognitive abilities.
aur 1º23 : Maydana Bakaraman i	A Acres farmi
· General AI Goals:	nationilar alti-
or I sail back back a min)	n ma aphainni
- Replicate human intelligence	
- Solve knowledge intensive task	N
- make an intelligent connection	blu perception and action.
그는 그는 그는 그는 그는 그는 그를 맞았다면 있다는 그 모든 사람들이 그 모든 아이지 않는 그는 것을 모든 것이다.	
- togineling based A.T goal - develop concepts, theory & pro - Enphasis is on system builded	action of building intelligent markers
- Emphasis is on system builde	V wastible wanted
- Sueve based AT goal.	
- Develop concepts, mechanism	and vocabulary to understand
biological intelligent behavio	12.
- Emphasis is on undustanding	wintell sant ha having
- Committee for the control of the c	chilender beyonder.
what is AI?	
Thinking humanly	Ashira I to I
Thinking nationally	Acting humanly
Transland red lower	Acting nationally.
OTICK*	Page #



· Cognitive Science: Think human-like Tows is not just an behavior and I/o, but looks at reasoning process Computational model as to how results were made. Not just to purduce human-like behaviour but produce a sequence of steps of the reasoning process, similar to the process followed by a human in solving the same task. · Laws of though: Think Rationally. Study of mental faculties through use of computational models (makes it possible to perceive, reason and act) Tows is on influence mechanisms that are provably correct and quaisitee and optimal solution. Goal is to foundize the reasoning pewcess as a system of logical wells and procedues for inference.

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· Act like human: Turing Test.

- Study of how to make computer do things which atm people are better at.
- Fows is on action and not intelligent behaviour certered around representation of the world.
- A behavioust approach, not concerned with how to get result but to similarity to what human results are.

· Rotional Agent: Act Rationally.

- Tries to explain and enviolete intelligent behaviour in terms of computational process; concerned with automation of intelligence
- Focus is on systems that act sufficiently if not optimally.
- Goal is to develop systems that are national and sufficient.