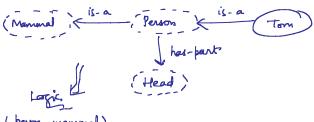


-) A semantic network is a structure for representing knowledge as a fathern of interconnected nodes and arcs.

Modes: represent concepts, entities, attributes, events, values.

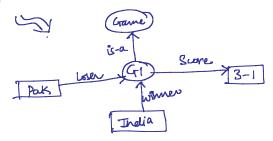
→ Semantics lies not in the structure alone but also requires the relations.



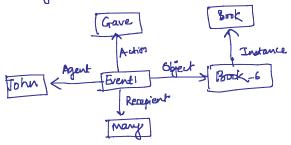
(s_a (person, mammal) instance (Tom, person) has_pert (Person, head)

I want to represent the below predicate

Score (India, Pak, 3-1)



"John gave Many the book"



Build a Semantic Net that represents the following knowledge. Man(Marcus) vanied (Marcus, Maderna) Gave To (Madonna Marcus, Meader) Madonna Crive Action Cive Relating Entities John is taller than Chris. John's height is greater than Chris. chris I height value 5.5 feet Inheritance -> Specialised inferencing technique > grepresented by is a relation between two clares in semantic nets. eg. Fido is a deg. Dog has 4 legs ris-a Fido has 4 legs. Fido Animals Helliches head? les Default VIS Generic Proputies · Generic properties are always inherited-Hence Fido is a animal. . Default prefaties inherit if nothing is known to the contrary. It we don't have any infor like Fido's tail has been chappedaft. Fido is a dag then Fido has part tail.

