FUNDAMENTALS OF AI AND VR - MOONE 2
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The KB can be extended in this way: - only people that respect the wes can be considered safe
- sofe people can not be infected - infected people can die of covid-19, while not infected people
- not infected people counct transmit the virus, while infected
people can transmit it to reate Eeople only
2) In order to represent this KB we can choose Fredicate Calculus (First Order Lopic):
· Yx. [foucus(x, rolen) (> stay-home(x) v faced-to-go-at(x))
· Ax. [Follows (x, role2) <> work(x, some) V -can_work(x, frome)]
· Xx. [Lourns (x, rule 3) C-> Yy. (-meet (x,y) v recessory meeting (x,y))] · Xx. [follows (x, rule 1) C-> -90-out (x) V Yy. (veep-olistance (x,y))]
· Ax. [follows (x, rule S) < > stay home(x) V (7 Ras symptoms (x) A) 7 34. (Rasserbold (x, y) N/B-84mptoms (y)))
- 4x. [follows (x, rule 6) es wash hand (x, regulary)]
• Ax. [SOFE(x) -> 7:0foctoc(x)]
· Ax. [= infected (x) -> = die (x, covid 19)]
· Ax 44. [transmit(x,4) -> infected(x) v reate(A) v x # 1]
: smot sport teast to By ant ni souson; of loss sur, bullet
noted, role 2, role 3, role 4, role 5, role 6,

