LAB 9 1 03/12/24 first order search: Forward chairing. Page____ Step 18 - Initialize Facts Create a dictionary or ada structure to store facts: facts = ?" American (Robert)": True, " Hostile (country ": True, " seels (Robert, Missiles, Country A)"; True Stepa: Define the Rule. wreitena a function to evaluate rule. Rule: criminal cas + American(x) A sells (3,4,2) Mostile (2) inputs: · name of the purson (a), Facts dictionary Logic :check it all conditions are sochistied: · American (x) is mue · selle (a, 4, 2) is true for some y. 2 · Hosfile (2) is True. Steps: Apply the Pule For a = Robert, evaluate. · American (Robert). · Sells (Robert, Missiles, Contry A). · HUSHILE (country A). It all conditions are true, deduce criminal (Robert) = True Steple of out put result. At criminal (ROBUNT) is true Prints "Robert is criminal," Print s" Robert is not eriminal,"

Code ?-Jades = 9 "American (Robert)" 3 True, " HOSFIE Country A) " True, "sells (Robert, Missiles, Country A)" 3 true 3 det is-criminal (person); if (lacts, get (f" Amenican (? Person 3)") and facts. get (+"sells (2 penson", Missiles, Country A)") and facts. get (" Hosfile (country A)") return True return falle it is criminal (person) print (f"{ person } is a criminali") Print (f" fpersont is not a criminal: ") out Put "-