Program -8 Unication if get India Product (exp.) = get into er todans print (Indust don't mater); def getAthelouts (expression). head = getFind
head = - (exp)
United Substitute = unity (head)
if not initial substitute
initial substitute expression = expression. Split ("(") " = " you controva = express C:-D return Fals of attribute court = -1: natura initial substitution return prevente journer dy unity (sp) sp 2): tail 1 = apply (tail , inited Substilies) if expr= exp2: return () remaining Solutio = lenify (tail) till)
if hast remains Substitus
return Falsy if is Constant (exp1) and is Constant (exp a capilla supa la vind return Fahre it is bariable (exp.): hard (exp.) exp = knows (1). retion Falv: Substitution = surity (np. cap2) return (Coxp 2 odk 1) print C " Entertation if is Variable Coap D: Duthul: [('X', 'Richard')] if check occum (sup 1, usp 1) return Fahr expl = know (AX) Substitution [CA y) ((modely) (x)) Eliges Edge menting

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[ ] exp1 = "knows(X)"
    exp2 = "knows(Richard)"
    substitutions = unify(exp1, exp2)
    print("Substitutions:")
    print(substitutions)

Substitutions:
    [('X', 'Richard')]

[ ] exp1 = "knows(A,x)"
    exp2 = "knows(y,mother(y))"
    substitutions = unify(exp1, exp2)
    print("Substitutions:")
    print(substitutions)

Substitutions:
    [('A', 'y'), ('mother(y)', 'x')]
```