CS 278 Lab 4 1.7.6 (D 4x (W(x) > E(x)) All employees that work more than 60 hours per week can more than \$100,000 (D) =x(-A(x) N.E(x) There is an employee that ight on the board of directors, but carns more than \$100,000 Q Vx(Ecx) > (A(x) VW(x)) All employees that carn more than \$100,000, is on the board of directors, or works more than 60 hours per week 1.7.7 () Vx (-D(x) -> - N(x)) False All people that didn't miss the deadline, went ru employees @ N(bust) > D(Bost) False IF bust is a new employee, he missed the dudline

All people who went new employees, missed the deadline.

1

D =1x (¬D(x) A ¬N(x)) False
There is a person who is not an employee
and did not miss the deadline

1.7.8 @ =xM(x) nP(x)
not a proposition

All male patients had Fainting spells or Migrains

B = X (D(x) 17 A(x) 1 7 M(x)) proposition, true
There is a patient that had redication and
did not have fainting spells and did not
have programs.

All patents that took modication had frinting spells or migranes.