Name: Saakshi Navale.
Convert following for to CNN  N X [ ] ZAnimal (z) A kills [x, Z)] => [ Yy 7 loguetgi)
1) Eliminati implication $\forall x [\neg \exists z \text{ Ainimal}(z) \land \text{ kills}(r, z)] \lor \forall y \tau \text{ loye}(c_{y, x})$
ii) more - invarels.
732p = 427p  An [42 - (Animal (2)) N - kills (7,2)] V HyThoylyn)  An [42 - (Animal(2)) V - kills (7,2)]  An [42 - (Animal(2)) V - kills (7,2)]
(ii) Drop universal quantifiers [7 Animal (2) V Tkills (7,2)] V Tloves (y,n)
TAnimal (2) V Thills (2, 2) V Thouses (4,2)

Convert the sentences into FOX and prone wing oresolution (1) Cold and precipitation =) Snow. Cold (n) 1 precipitation (n) =) Snow (n). 7 (cold (n) 1 precipitation (n)) & snow (n) T cold (n) V = precipilation (n) V snow (n) January - Cold January (n) => cold (n) January (n) v cold (n) (iii) Tom Clouds -> Precipitation. coloudy (a) > porecipitation (1). 7 clouds (n) v porecipitation (n) (i) January (n) Clouds (2) prone :- (now(n) > Resolution of (i) 8(ii) (vi) + precipitatio (n) v S vano (n) v man(x) -> resolution of vi & iv. (vii) precipitation (n) v snow (n) -> Resolution of (vii) and (iii) (vili) snow cm) v 7 clouds. -> Resolution of viii and V Suow (n) Hence proved