Date: Introduction to Porolog learn PRolog terminological and write balic Programs. Source code: KB1: Woman (mia). Wo man (Jody). woman (Volanda). Plays Air huitar (Jody). Party. Query 1: 7-woman (mia). Query 2: 8-Plays Air huitar Caria. Query 3: 2-Party. Query 4: 2-concert. output: ? - woman (mia) recorded day, sally. true. 7 - Playstiranitor (mia) tallo 2-Party. t Irup 3 - Concert ERROR: Unknown proved we: concertlo COWIN could not carrect low KB2: -

happy (Yolanda)

1 istend mulic (mea).

```
Listery Zmulic (Yolanda): - happy (yolanda).
 Plays Aig Guitor (mia): - listery 2 mulit (mia).
 Plays Air Guitar (Yolanda): - listent 2 mulic (Yolanda).
 Output:-
 2 - Play Aig Guitar (mia).
 tome.
 ? - Play Air Cruitar (yolanda).
 tome.
12-1
 KB 3:
 likef (dan, Sally)
likes (Sally oclan).
liker (johr, borittney).
married (x, y): - likel(x, y), likel(y, x):
foriends (x, y): - likes (x, y); likes (y, x).
 Output:
 ? - like&(dangx)
 X = Sally.
 ? - married (dan, Sally).
 torre.
 2 - married ( john, britt ney).
 talse.
 KB4:
 food (burger).
 food (Sandwich).
 tood (Pizza).
 Lunnch (Sandwich).
dinner (Pizza).
 med(x):-food(x).
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Output:
   food (Pizza).
tous.
3 - meal (x). lunch (x).
X = Sandwich.
2 - dinner (Sandwich
falle.
2-
KB5:
Owns (jack, car (6 mw)).
Owns (john, car (chery)).
Owns (olivia, car(civic)).
Owns (vane, can (chevy)).
Sedan (car (6 m W)).
Sedan (car (civic)).
truck (car (chevy)).
Output:
   owns (john, X).
X = Car(Chary).
2 - ownf (sohn, _).
? - Own (who, car(chery)).
who z john.
  - Own (sape, X), Sodan (X).
  -owns Ciane, X), touck (x).
               the Program of Prelog terminology has been
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