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Kelas :E

Matakuliah

:PraktikumKecerdasanBuataTu

gas:

```
laki(ray).la
ki(peter).la
ki(john).
cewe(susan).
cewe(mary).
cewe(liza).
pasangan(david,amy).
pasangan(jack,karen).
pasangan(john,susan).
anakA(david,liza).ana
kA(david,john).anakA
(jack,susan).anakA(ja
ck,ray).anakA(john,pe
ter).anakA(john,mary
).anakl(amy,liza).anak
l(amy,john).anakl(kar
en,susan).anakl(karen
,ray).anakl(susan,pet
er).anakl(susan,mary)
.

is_laki(X):-laki(X).
is_cewe(X):-cewe(X).
is_anakA(X,Y):-anakA(X,Y).
is_anakl(X,Y):-
anakl(X,Y).is_pasangan(X,Y):-
pasangan(X,Y).is_sodaraA(Y,Z):-
anakA(X,Y),anakA(X,Z).
is_sodaraI(Y,Z):-
anakl(X,Y),anakl(X,Z).is_sodaraIparA(Y,Z):-
pasangan(X,Y),is_sodaraI(Z,X).is_sodaraIparI(Y,Z):-
is_sodaraI(X,Y),pasangan(Z,X).is_kakek(X,Z):-
anakA(X,Y),is_anakA(Y,Z).
is_nene(X,Z):-anakl(X,Y),is_anakl(Y,Z).
```

Hasil:

?- is_laki(X).

X = ray ;

X = peter ;

X = john.

?- is_cewe(X).

X = susan ;

X = mary ;

X = liza.

?- is_anakA(X,Y).

X = david,

Y = liza ;

X = david,

Y = john ;

X = jack,

Y = susan ;

X = jack,

Y = ray ;

X = john,

Y = peter ;

X = john,

Y = mary.

?- is_anakI(X,Y).

X = amy,

Y = liza ;

X = amy,

Y = john ;

X = karen,

Y = susan ;

X = karen,

Y = ray ;

X = susan,

Y = peter ;

X = susan,

Y = mary.

?- is_pasangan(X,y).

false.

?- is_pasangan(X,Y).

X = david,

Y = amy ;

X = jack,

Y = karen ;

X = john,

Y = susan.

?- is_sodaraA(X,Y).

Correct to: "is_sodaraA(X,Y)"? yes

X = Y, Y = liza ;

X = liza,

Y = john ;

X = john,

Y = liza ;

X = Y, Y = john ;

X = Y, Y = susan ;

X = susan,

Y = ray ;

X = ray,

Y = susan ;

X = Y, Y = ray ;

X = Y, Y = peter ;

X = peter,

Y = mary ;

X = mary,

Y = peter ;

X = Y, Y = mary.

?- is_sodatal(X,Y).

Correct to: "is_sodaral(X,Y)"? yes

X = Y, Y = liza ;

X = liza,

Y = john ;

X = john,

Y = liza ;

X = Y, Y = john ;

X = Y, Y = susan ;

X = susan,

Y = ray ;

X = ray,

Y = susan ;

X = Y, Y = ray ;

X = Y, Y = peter ;

X = peter,

Y = mary ;

X = mary,

Y = peter ;

X = Y, Y = mary.

?- is_sodatalparA(Y,Z).

Correct to: "is_sodaralparA(Y,Z)"? yes

Y = susan,

Z = liza ;

Y = susan,

Z = john ;

false.

?- is_sodatalparl(Y,Z).

Correct to: "is_sodaralparl(Y,Z)"? yes

Y = susan,

Z = john ;

Y = ray,

Z = john ;

false.

?- is_kakek(X,Y).

X = david,

Y = peter

Unknown action: k (h for help)

Action? ;

X = david,

Y = mary ;

false.

?- is_nene(X,Z).

X = karen,

Z = peter ;

X = karen,

Z = mary ;

false.