

Compte Rendu

TP : Prolog

2017/2018

Génie Informatique II

2-

```
?- affiche_employe(ian).  
ahmed  
soudad  
jalil  
true.  
?-
```



3- affiche_salaire(A):-employe(A,_,_,Ent,Ech),salaire(Ent,Ech,Sal),writef("%d",[Sal]).

```
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 1 clauses  
?- affiche_salaire(ahmed).  
3500  
true
```



4-a)

```
?- affiche_liste(orange).  
info: omar 40 homme 2000 orange 4  
true ;  
info: kamal 33 homme 2004 orange 3  
true ;  
info: khadija 39 femme 2005 orange 3  
true ;  
info: othmane 29 homme 2009 orange 2  
true.
```

b)

```
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 0 clauses  
?- affiche_liste_non_age_femme().  
info: salma 30  
true  
Unknown action: : (h for help)  
Action? ;  
info: kavtar 26  
true ;  
info: soudad 44  
true ;  
info: khadija 39  
true.
```

c)

```
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.02 sec, 0 clauses  
?- affiche_liste_salaire_orange().  
=> 1 3500  
true ;  
=> 2 4000  
true ;  
=> 3 5000  
true ;  
=> 4 7500  
true ;  
=> 5 10000  
true.
```

d)

```
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 1 clauses
?- affiche_liste_nom_age_homme_inf(ian).
false.

?- affiche_liste_nom_age_homme_inf(invi).
false.

?- affiche_liste_nom_age_homme_inf(orange).
=>othmane
true.

?- affiche_employe(ian).
ahmed
souad
jalil
true.
```

5)

```
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 1 clauses
?- jeune_employe(othmane,orange).
true.

?-
```



6)

```
?-
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 2 clauses
?- est_jeune('jalil').
false.

?- est_jeune('kavtar').
true.

?-
```

7)c-

```
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 0 clauses
?- employe_jeune(ian).
false.

?- employe_jeune(orange).
othmane
true.

?- employe_jeune(invi).
salma
true ;
kavtar
true.

?-
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 1 clauses
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 0 clauses
```

8)

```
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 1 clauses
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 0 clauses
?- cadre('jalil').
true.

?- cadre(jalil).
true.

?- cadre(othmane).
false.
```

9)

```
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 1 clauses
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 0 clauses
?- colleagues('khadija','othmane').
true.

?- colleagues('khadija','kamal').
true.

?- colleagues('khadija','jalil').
false.
```

10)

```
?-
% c:/users/el-aissi/documents/prolog/operatuer compiled 0.00 sec, 1 clauses
?- jeune_employe(othmane,orange).
true.

?- gagne_plus_que(jalil,kawtar).
true ;
```

```
?- gagne_plus_que(kawtar,jalil).
false.
```

```
?-
```