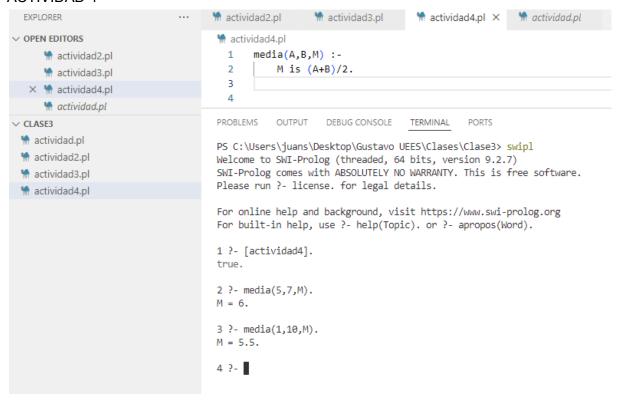


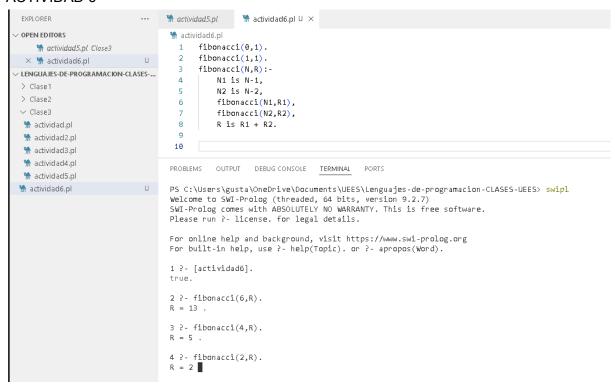
ACTIVIDAD 4



```
EXPLORER
                                   nactividad2.pl nactividad3.pl

✓ OPEN EDITORS

                                    mactividad5.pl
                                          factorial(0,1).
     mactividad2.pl
                                           factorial(N,R):-
     mactividad3.pl
                                      3
                                              N1 is N - 1,
     Mactividad4.pl
                                      4
                                               factorial(N1,R1),
  × 🦬 actividad5.pl
                                               R is N * R1.
                                      5
     🦬 actividad.pl
                                      6
∨ CLASE3
                                    PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                                                                                 PORTS
 mactividad.pl
                                    PS C:\Users\juans\Desktop\Gustavo UEES\Clases\Clase3> swipl
 mactividad2.pl
                                    Welcome to SWI-Prolog (threaded, 64 bits, version 9.2.7)
 🦬 actividad3.pl
                                    SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
 actividad4.pl
                                    Please run ?- license. for legal details.
 mactividad5.pl
                                    For online help and background, visit https://www.swi-prolog.org
                                    For built-in help, use ?- help(Topic). or ?- apropos(Word).
                                    1 ?- [actividad5].
                                    true.
                                    2 ?- factorial(6,R).
                                    R = 720
```



```
EXPLORER
                                         🦬 actividad7.pl U ×
∨ OPEN EDITORS
                                          Clase3 > 🐪 actividad7.pl
                                                  mcd(X,0,X).
 × 🐪 actividad7.pl Clase3 U
                                                  mcd(X,Y,M):-
LENGUAJES-DE-PROGRAMACION-CLASES-...
                                                       X1 is X mod Y,
 > Clase1
                                                       mcd(Y,X1,M).
 > Clase2
 ∨ Clase3
  actividad.pl
  🐪 actividad2.pl
  🦬 actividad3.pl
  🐪 actividad4.pl
  🐪 actividad5.pl
                                          PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
  🐪 actividad6.pl
  🦬 actividad7.pl
                                   U
                                          PS C:\Users\gusta\OneDrive\Documents\UEES\Lenguajes-de-programacion-CLASES-UEES> cd Clase3
                                           PS C:\Users\gusta\OneDrive\Documents\UEES\Lenguajes-de-programacion-CLASES-UEES\Clase3> swipl
                                          Welcome to SWI-Prolog (threaded, 64 bits, version 9.2.7)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.
                                          For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).
                                           1 ?- [actividad7].
                                           2 ?- mcd(36,48,R).
                                           R = 12.
                                           3 ?- mcd(48,36,R).
                                           R = 12.
```

```
EXPLORER
                                        🦬 actividad7.pl U 🦙 actividad8.pl U 🗙
∨ OPEN EDITORS
                                         Clase3 > 🐪 actividad8.pl
                                           population('Ecuador',18000000).
population('Colombia',52000000).
    * actividad7.pl Clase3
                             U
  × 🐪 actividad8.pl Clase3
                                                area('Ecuador',280000).
✓ LENGUAJES-DE-PROGRAMACION-CLASES-...
                                              area('Colombia',1142000).
 > Clase1
 > Clase2
                                                densidad(Pais,D):-
 ∨ Clase3
                                                  population(Pais,P),
  🦬 actividad.pl
                                            8
                                                      area(Pais,A),
  🦬 actividad2.pl
                                            a
                                                    Dis P / A.
                                          10
  nctividad3.pl
  🐪 actividad4.pl
                                         PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
  🐪 actividad5.pl
  🐪 actividad6.pl
                                         PS C:\Users\gusta\OneDrive\Documents\UEES\Lenguajes-de-programacion-CLASES-UEES> cd Clase3
                                         PS C:\Users\gusta\OneDrive\Documents\UEES\Lenguajes-de-programacion-CLASES-UEES\Clase3> swipl
  🦬 actividad7.pl
                                  U
                                         Welcome to SWI-Prolog (threaded, 64 bits, version 9.2.7)
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Please run ?- license. for legal details.
  🐪 actividad8.pl
                                         For online help and background, visit https://www.swi-prolog.org For built-in help, use ?- help(Topic). or ?- apropos(Word).
                                         1 ?- [actividad8].
                                         2 ?- densidad('Colombia',D).
                                         D = 45.53415061295972.
                                         3 ?- densidad('Ecuador',D).
                                         D = 64.28571428571429.
```