```
>> [tx,tiempo_Prom_explicit,tiempo_Prom_implicit,sdte,sdti] =↙
implict_vs_explicit(6)
   100

     1

     2

     3

     4

     5

   400

     1

     2

     3

     4

     5

   900

     1

     2

     3

     4

     5

      1600

     1

168     for j=1:ny+1
     2

     3

>>   4
```

```
     5


        2500

     1

     2

     3

     4

     5

        3600

     1

     2

     3

     4

     5


tx =

          100
          400
          900
         1600
         2500
         3600


tiempo_Prom_explicit =

   1.0e+03 *

     0.0001
     0.0081
     0.1929
     0.5022
     1.1132
     2.2249
```

```
tiempo_Prom_implicit =

     0.0063
     0.6156
     3.6563
    11.0969
    39.2719
   108.5812


sdte =

     0.0935
     0.4123
     3.4389
    11.6745
    16.2320
    15.6135


sdti =

     0.0086
     0.0778
     0.1936
     0.5433
     5.3316
    12.3616

>> [tx,tiempo_Prom_explicit,tiempo_Prom_implicit,sdte,sdti] =↙
implict_vs_explicit(6)
   100

     1

     2

     3

     4

     5

   400

     1
```

       2

       3

       4

       5

   900

       1

       2

       3

       4

       5

       1600

       1

       2

       3

       4

       5

       2500

       1

       2

       3

       4

       5

       3600

       1

```
     2

     3

     4

     5


tx =

         100
         400
         900
        1600
        2500
        3600


tiempo_Prom_explicit =

    0.0563
    0.1281
    0.2437
    0.4313
    0.7094
    1.0813


tiempo_Prom_implicit =

    0.0031
    0.4625
    3.5875
   12.3438
   39.2906
  115.1156


sdte =

    0.0464
    0.0280
    0.0324
    0.0305
    0.0376
    0.0837
```

```
sdti =

    0.0070
    0.0713
    0.1975
    0.2565
    0.8140
    1.7792

>>
```