

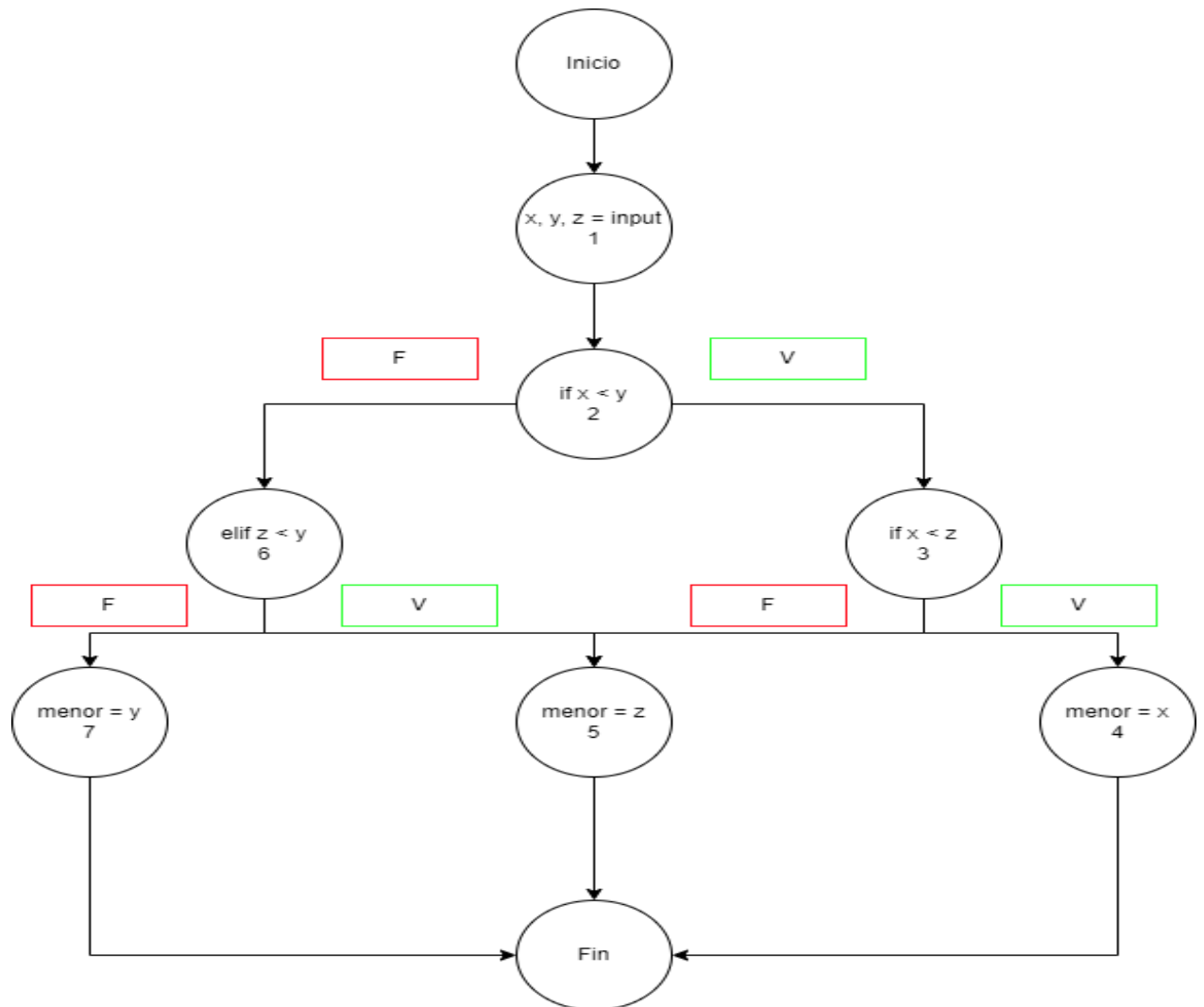
Práctica Caja Blanca 2



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Grafo:



Complejidad ciclomática:

$$V(G) = 4$$

$$V(G) = 12 - 10 + 2 = 4$$

$$V(G) = 3 + 1 = 4$$

Conjunto de caminos independientes:

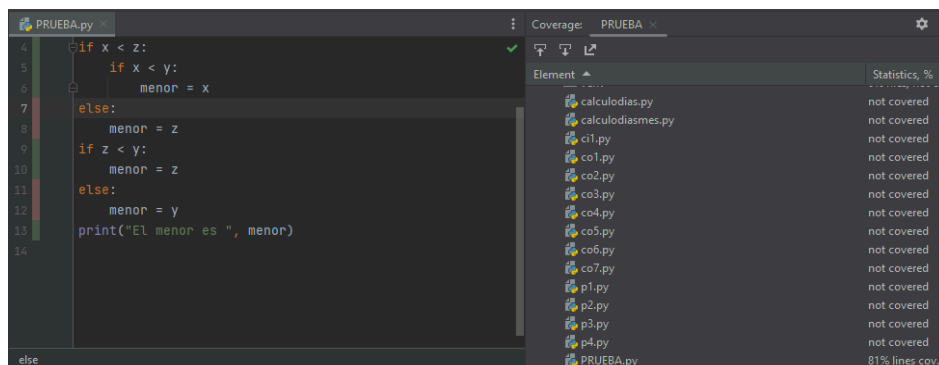
- Camino 1: (Inicio) - (x, y, z = input) - (if x < y) - (if x < z) - (menor = z) - (Fin)
- Camino 2: (Inicio) - (x, y, z = input) - (if x < y) - (if x < z) - (menor = x) - (Fin)
- Camino 3: (Inicio) -> (x, y, z = input) - (if x < y) - (elif z < y) - (menor = z) - (Fin)
- Camino 4: (Inicio) - (x, y, z = input) - (if x < y) - (elif z < y) - (menor = y) - (Fin)

Casos de prueba:

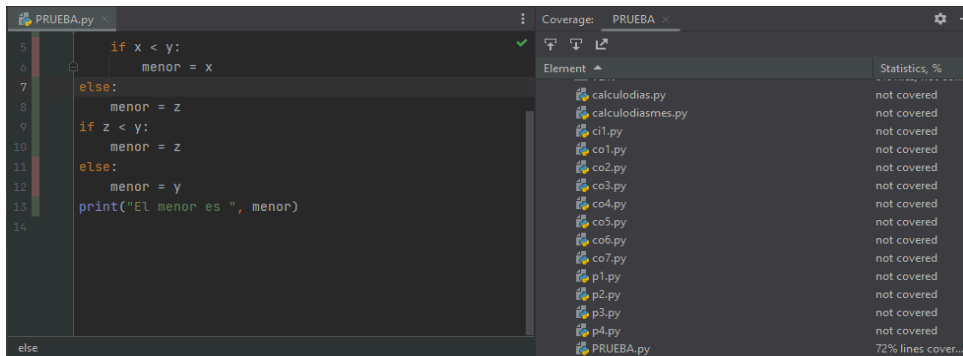
- x = 1, y = 2, z = 0 -> Menor = z
- x = 3, y = 5, z = 4 -> Menor = x
- x = 2, y = 3, z = 1 -> Menor = z
- x = 5, y = 1, z = 2 -> Menor = y

Coverage:

Camino 1 (81%):



Camino 2 (72%):



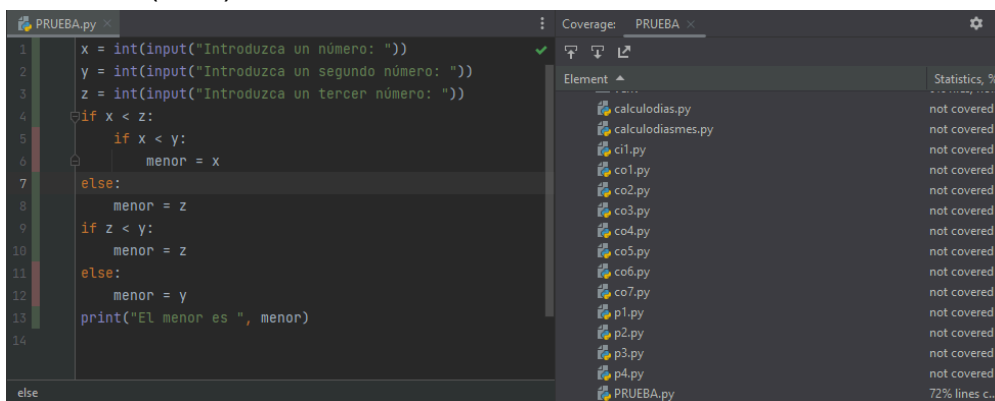
The screenshot shows a code editor with a file named PRUEBA.py. The code is as follows:

```
5 if x < y:
6     menor = x
7 else:
8     menor = z
9 if z < y:
10     menor = z
11 else:
12     menor = y
13 print("El menor es ", menor)
14
```

On the right, a coverage report for PRUEBA.py is displayed, showing that 72% of the lines are covered.

Element	Statistics, %
calculodias.py	not covered
calculodiasmes.py	not covered
ci1.py	not covered
co1.py	not covered
co2.py	not covered
co3.py	not covered
co4.py	not covered
co5.py	not covered
co6.py	not covered
co7.py	not covered
p1.py	not covered
p2.py	not covered
p3.py	not covered
p4.py	not covered
PRUEBA.py	72% lines cover...

Camino 3 (72%):



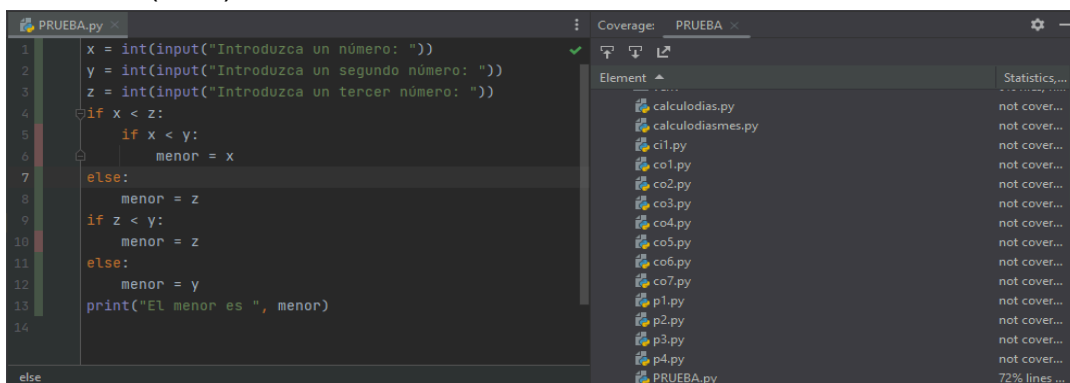
The screenshot shows a code editor with a file named PRUEBA.py. The code is as follows:

```
1 x = int(input("Introduzca un número: "))
2 y = int(input("Introduzca un segundo número: "))
3 z = int(input("Introduzca un tercer número: "))
4 if x < z:
5     if x < y:
6         menor = x
7     else:
8         menor = z
9 if z < y:
10     menor = z
11 else:
12     menor = y
13 print("El menor es ", menor)
14
```

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co2.py	not covered
co3.py	not covered
co4.py	not covered
co5.py	not covered
co6.py	not covered
co7.py	not covered
p1.py	not covered
p2.py	not covered
p3.py	not covered
p4.py	not covered
PRUEBA.py	72% lines c...

Camino 4 (72%):



The screenshot shows a code editor with a file named PRUEBA.py. The code is as follows:

```
1 x = int(input("Introduzca un número: "))
2 y = int(input("Introduzca un segundo número: "))
3 z = int(input("Introduzca un tercer número: "))
4 if x < z:
5     if x < y:
6         menor = x
7     else:
8         menor = z
9 if z < y:
10     menor = z
11 else:
12     menor = y
13 print("El menor es ", menor)
14
```

On the right, a coverage report for PRUEBA.py is displayed, showing that 72% of the lines are covered.

Element	Statistics, %
calculodias.py	not cover...
calculodiasmes.py	not cover...
ci1.py	not cover...
co1.py	not cover...
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co4.py	not cover...
co5.py	not cover...
co6.py	not cover...
co7.py	not cover...
p1.py	not cover...
p2.py	not cover...
p3.py	not cover...
p4.py	not cover...
PRUEBA.py	72% lines ...