

START

```
extra = 0
extra_b = 0
numero = 0
digitos = []
nombres = [
    "decenas de mil",
    "unidades de mil",
    "centenas",
    "decenas",
    "unidades"]
```

"Ingrese un nro. entero (entre 999 y 99999)"

numero

numero >= 999
and
numero <= 99999

*

Si

for i in
str(numero)

digitos.append(i)

Regiones (7)

A: 21
N: 16
P: 06

$V(G) = A - N + 2$
 $21 - 16 + 2 = 7$
 $V(G) = P + 1$
 $6 + 1 = 7$

Caminos (7)

1, 2, 3, 4, 2
1, 2, 3, 4, 5, 7, 8, 12, 14, 15, 16, 15
1, 2, 3, 4, 5, 7, 8, 12, 13, 15, 16, 15
1, 2, 3, 4, 5, 7, 9, 11, 12, 14, 15, 16, 15
1, 2, 3, 4, 5, 7, 9, 10, 12, 14, 15, 16, 15
1, 2, 3, 4, 5, 7, 9, 11, 15, 13, 15, 16, 15
1, 2, 3, 4, 5, 6, ...

START

1

I

2

II

3

III

4

V

VII

5

VI

6

IX

9

X

10

len(digitos) == 5

Si

extra = 2

len(digitos) == 4

Si

extra_b = 2

extra = 1
extra_b = 1

digitos[0] == digitos[2 + extra]
and
(digitos[1] == digitos[1 + extra])

*

numero, " no es capicúa"

numero, " es capicúa"

for j in range(len(digitos))

*

END

digitos[j], " es ",
nombres[j + extra_b]

7

8

XII

11

