TEST UNITARIO:

Realizamos cambios para que dé fallo:

COVERAGE:

```
restar()

Terminal: Local × + ✓

(venv_bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/proyecto_bigdata$ ls

htatcov requirements.txt src

(venv_bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/proyecto_bigdata$ coverage report src/main/utils/ivanmiprograma.py

Name Stmts Miss Cover

src/main/utils/ivanmiprograma.py 52 16 69%

10TAL 52 16 69%

(venv_bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/proyecto_bigdata$

10TAL 52 16 69%

Venv_bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/proyecto_bigdata$

10TAL 52 16 69%

1
```

FLAKE 8:

```
src/main/utils/ivanmiprograma.py:77:14: W292 no newline at end of file

(venv_bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/proyecto_bigdata$ flake8 src/main/utils/ivanmiprograma.py
src/main/utils/ivanmiprograma.py:14:80: E501 line too long (85 > 79 characters)
src/main/utils/ivanmiprograma.py:28:80: E501 line too long (85 > 79 characters)
src/main/utils/ivanmiprograma.py:20:1: E302 expected 2 blank lines, found 0
src/main/utils/ivanmiprograma.py:39:9: F841 local variable 'elegir' is assigned to but never used
src/main/utils/ivanmiprograma.py:31: E302 expected 2 blank lines, found 0
src/main/utils/ivanmiprograma.py:50:80: E501 line too long (99 > 79 characters)
src/main/utils/ivanmiprograma.py:54:1: E305 expected 2 blank lines after class or function definition, found 0
src/main/utils/ivanmiprograma.py:54:4: F821 undefined name 'elegir'
src/main/utils/ivanmiprograma.py:55:4: F821 undefined name 'elegir'
src/main/utils/ivanmiprograma.py:55:4: F821 undefined name 'elegir'
src/main/utils/ivanmiprograma.py:57:14: W292 no newline at end of file
(venv.bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/provecto_bigdata$ flake8 src/main/utils/ivanmiprograma.py
```

Corregimos errores

```
Terminal: Local × + v

(venv_bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/proyecto_bigdata$ flake8 src/main/utils/ivanmiprograma.py
src/main/utils/ivanmiprograma.py:17:80: E501 line too long (85 > 79 characters)
src/main/utils/ivanmiprograma.py:22:88: E501 line too long (85 > 79 characters)
src/main/utils/ivanmiprograma.py:63:88: E501 line too long (99 > 79 characters)
(venv_bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/proyecto_bigdata$

(venv_bigdata) bigdata@bigdata-VirtualBox:~/Documentos/envs/proyecto_bigdata$ flake8 --statistics src/main/utils/ivanmiprograma.py:17:88: E501 line too long (85 > 79 characters)
src/main/utils/ivanmiprograma.py:22:88: E501 line too long (85 > 79 characters)
src/main/utils/ivanmiprograma.py:35:88: E501 line too long (99 > 79 characters)
src/main/utils/ivanmiprograma.py:35:88: E501 line too long (99 > 79 characters)
src/main/utils/ivanmiprograma.py:35:88: E501 line too long (99 > 79 characters)
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src/main/utils/ivanmiprograma.py:35:88: E501 line too long (99 > 79 characters)
```

Establecer un umbral máximo de complejidad ciclomatica8 y tener como máximo 5 advertencias.

```
(venv_bigdata) bigdata@bigdata-VirtualBox:-/Documentos/envs/provecto_bigdata$ flake8 --max-complexity 2 --statistics src/main/utils/ivanmiprograma.py:12:1: C001 'Loop 12' is too complex (5)

src/main/utils/ivanmiprograma.py:16:80: E501 line too long (85 > 79 characters)

src/main/utils/ivanmiprograma.py:21:80: E501 line too long (85 > 79 characters)

src/main/utils/ivanmiprograma.py:35:1: C001 'letra' is too complex (4)

src/main/utils/ivanmiprograma.py:53:1: C001 'palabra' is too complex (3)

src/main/utils/ivanmiprograma.py:62:80: E501 line too long (99 > 79 characters)

Src/main/utils/ivanmiprograma.py:62:80: E501 line too long (99 > 79 characters)

Sec/main/utils/ivanmiprograma.py:62:80: E501 line too long (99 > 79 characters)

(venv_bigdata) bigdata@bigdata-VirtualBox:-/Documentos/envs/provecto_bigdata$
```

Corregimos

```
(venv_bigdata) bigdata@bigdata-VirtualBox:-/Documentos/envs/proyecto_bigdata$ flake8 --max-complexity 2 --statistics src/main/utils/ivanmiprograma.py

src/main/utils/ivanmiprograma.py:12:1: C091 'Loop 12' is too complex (5)

src/main/utils/ivanmiprograma.py:35:1: C091 'Loop 12' is too complex (4)

src/main/utils/ivanmiprograma.py:53:1: C091 'palabra' is too complex (3)

3 C091 'Loop 12' is too complex (5)

(venv_bigdata) bigdata@bigdata-VirtualBox:-/Documentos/envs/proyecto_bigdata$

P Version Control III TODO 0 Problems  Python Packages  Python Console  Terminal
```