

# Phyton

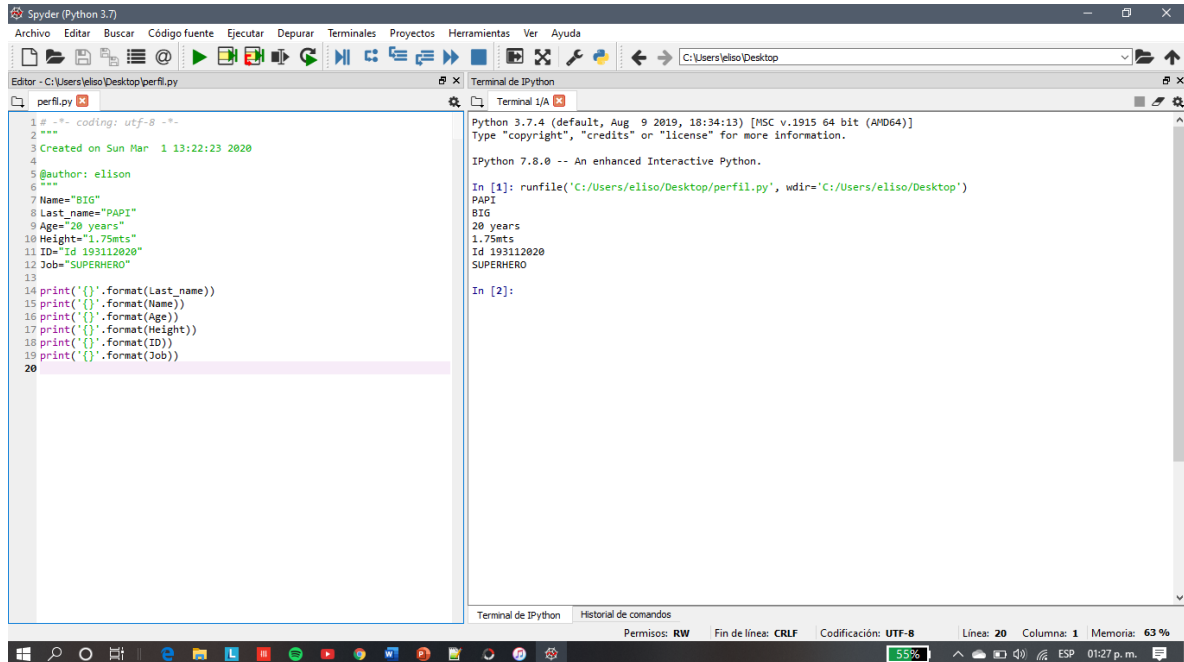
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INDUSTRIA 4.0

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# 1. PROFILE



The screenshot shows the Spyder Python IDE interface. The editor on the left contains a Python script named `perfil.py` with the following code:

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Sun Mar 1 13:22:23 2020
4
5 @author: elison
6 """
7 Name="BIG"
8 Last_name="PAPI"
9 Age="20 years"
10 Height="1.75mts"
11 ID="Id 193112020"
12 Job="SUPERHERO"
13
14 print('{}'.format>Last_name))
15 print('{}'.format(Name))
16 print('{}'.format(Age))
17 print('{}'.format(Height))
18 print('{}'.format(ID))
19 print('{}'.format(Job))
20
```

The IPython terminal on the right shows the execution of the script:

```
Python 3.7.4 (default, Aug 9 2019, 18:34:13) [MSC v.1915 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 7.8.0 -- An enhanced Interactive Python.
>>>
In [1]: runfile('C:/Users/eliso/Desktop/perfil.py', wdir='C:/Users/eliso/Desktop')
PAPI
BIG
20 years
1.75mts
Id 193112020
SUPERHERO
In [2]:
```

## 2. CODE PY

Name="BIG"

Last\_name="PAPI"

Age="20 years"

Height="1.75mts"

ID="Id 193112020"

Job="SUPERHERO"

print('{}'.format>Last\_name))

print('{}'.format(Name))

print('{}'.format(Age))

print('{}'.format(Height))

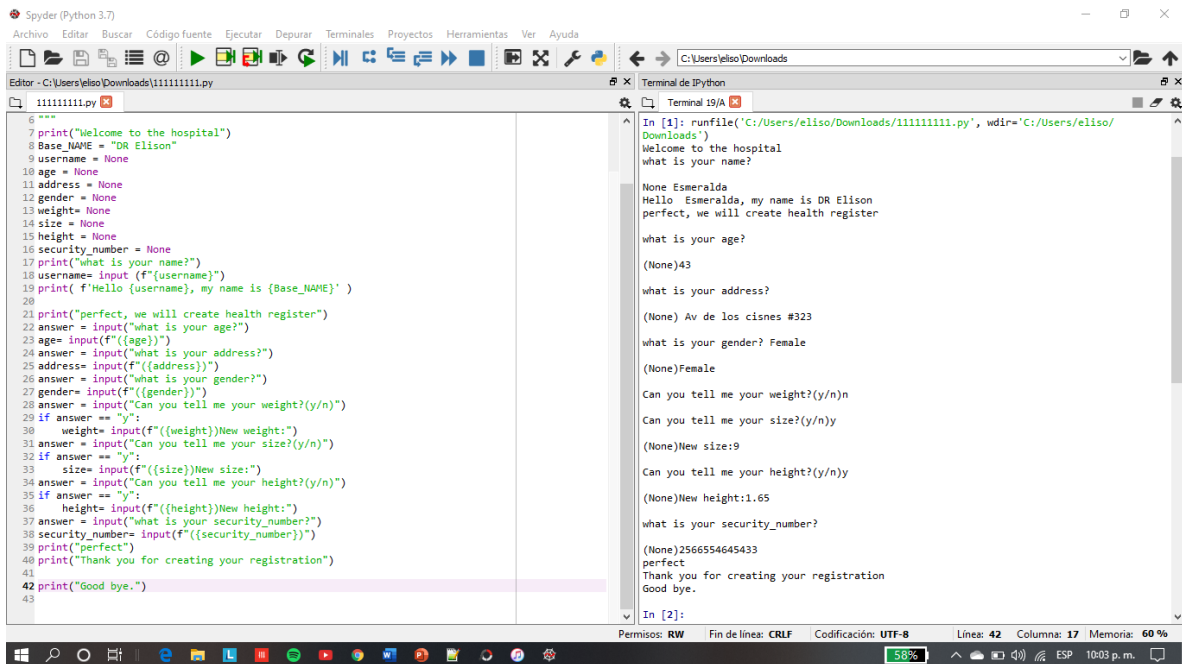
print('{}'.format(ID))

print('{}'.format(Job))

## 3. DESCRIPTION

In this simple program we can print a superhero identification card.

# 1. DATA



The screenshot shows the Spyder Python IDE interface. The left pane displays a Python script named '111111111.py' with the following code:

```
6 """
7 print("Welcome to the hospital")
8 Base_NAME = "DR Elison"
9 username = None
10 age = None
11 address = None
12 gender = None
13 weight = None
14 size = None
15 height = None
16 security_number = None
17 print("what is your name?")
18 username = input(f"({username})")
19 print(f"Hello {username}, my name is {Base_NAME}")
20
21 print("perfect, we will create health register")
22 answer = input("what is your age?")
23 age = input(f"({age})")
24 answer = input("what is your address?")
25 address = input(f"({address})")
26 answer = input("what is your gender?")
27 gender = input(f"({gender})")
28 answer = input("Can you tell me your weight?(y/n)")
29 if answer == "y":
30     weight = input(f"({weight})New weight:")
31 answer = input("Can you tell me your size?(y/n)")
32 if answer == "y":
33     size = input(f"({size})New size:")
34 answer = input("Can you tell me your height?(y/n)")
35 if answer == "y":
36     height = input(f"({height})New height:")
37 answer = input("what is your security_number?")
38 security_number = input(f"({security_number})")
39 print("perfect")
40 print("Thank you for creating your registration")
41
42 print("Good bye.")
43
```

The right pane shows the terminal output of the script execution:

```
In [1]: runfile('C:/Users/eliso/Downloads/111111111.py', wdir='C:/Users/eliso/Downloads')
Welcome to the hospital
what is your name?
None Esmeralda
Hello Esmeralda, my name is DR Elison
perfect, we will create health register

what is your age?
(None)43

what is your address?
(None) Av de los cisnes #323

what is your gender? Female
(None)Female

Can you tell me your weight?(y/n)n
Can you tell me your size?(y/n)y
(None)New size:9

Can you tell me your height?(y/n)n
(None)New height:1.65

what is your security_number?
(None)2566554645433
perfect
Thank you for creating your registration
Good bye.

In [2]:
```

# 2. DESCRIPTION

This program asks us for personal data and saves the configuration.

# 3. CODE PY

```
# -*- coding: utf-8 -*-
```

```
"""
```

Created on Wed Mar 11 18:29:30 2020

@author: elison

```
"""
```

```
print("Welcome to the hospital")
```

```
Base_NAME = "DR Elison"
```

```
username = None
age = None
address = None
gender = None
weight= None
size = None
height = None
security_number = None
print("what is your name?")
username= input (f'{username}')
print( f'Hello {username}, my name is {Base_NAME}' )

print("perfect, we will create health register")
answer = input("what is your age?")
age= input(f'({age})')
answer = input("what is your address?")
address= input(f'({address})')
answer = input("what is your gender?")
gender= input(f'({gender})')
answer = input("Can you tell me your weight?(y/n)")
if answer == "y":
    weight= input(f'({weight})New weight:')
answer = input("Can you tell me your size?(y/n)")
if answer == "y":
    size= input(f'({size})New size:')
answer = input("Can you tell me your height?(y/n)")
if answer == "y":
    height= input(f'({height})New height:')
```

```
answer = input("what is your security_number?")
security_number= input(f"({security_number})")
print("perfect")
print("Thank you for creating your registration")

print("Good bye.")
```