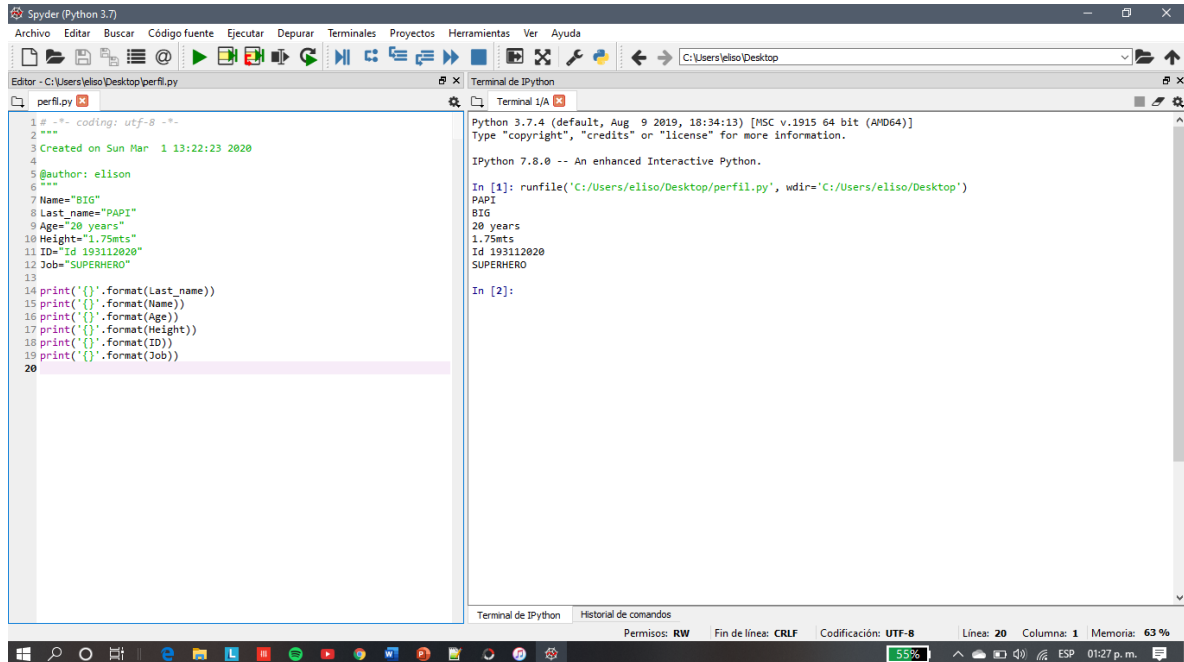


Phyton

INDUSTRIA 4.0

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1. PROFILE



The screenshot shows the Spyder Python IDE interface. The left pane displays the source code of a file named `perfil.py`. The code defines variables for a superhero's profile and prints them. The right pane shows the IPython terminal output, which includes the Python version, the file path, and the execution of the script, resulting in the printed profile data.

```
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
```

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]:

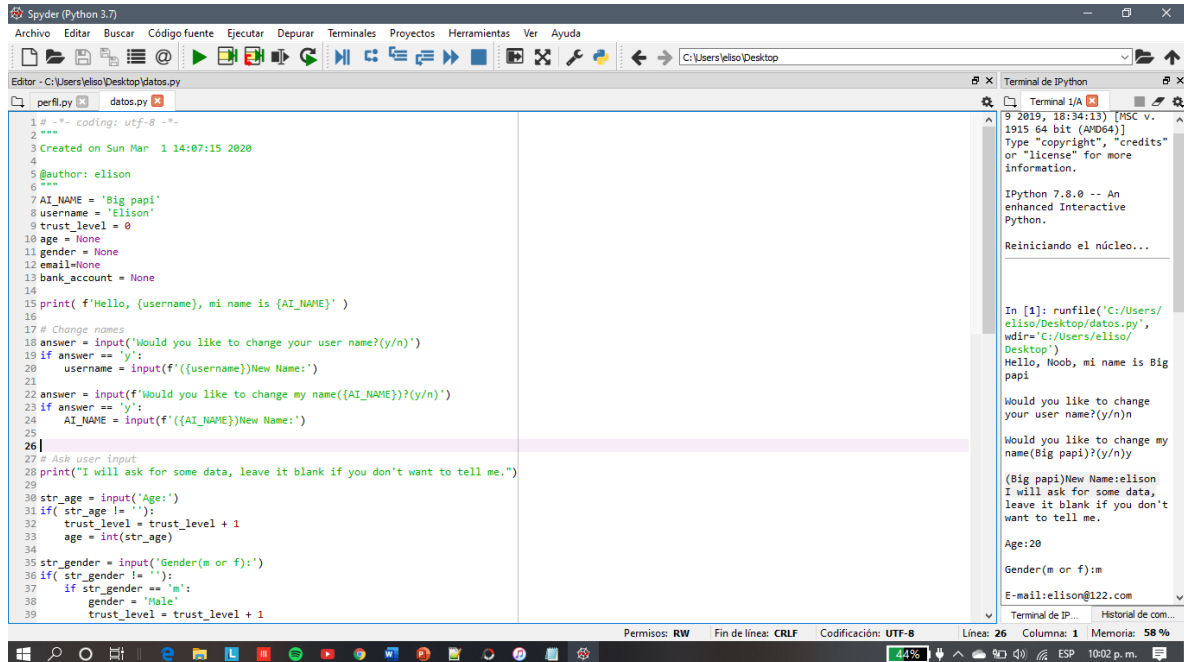
2. CODE PY

```
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))
```

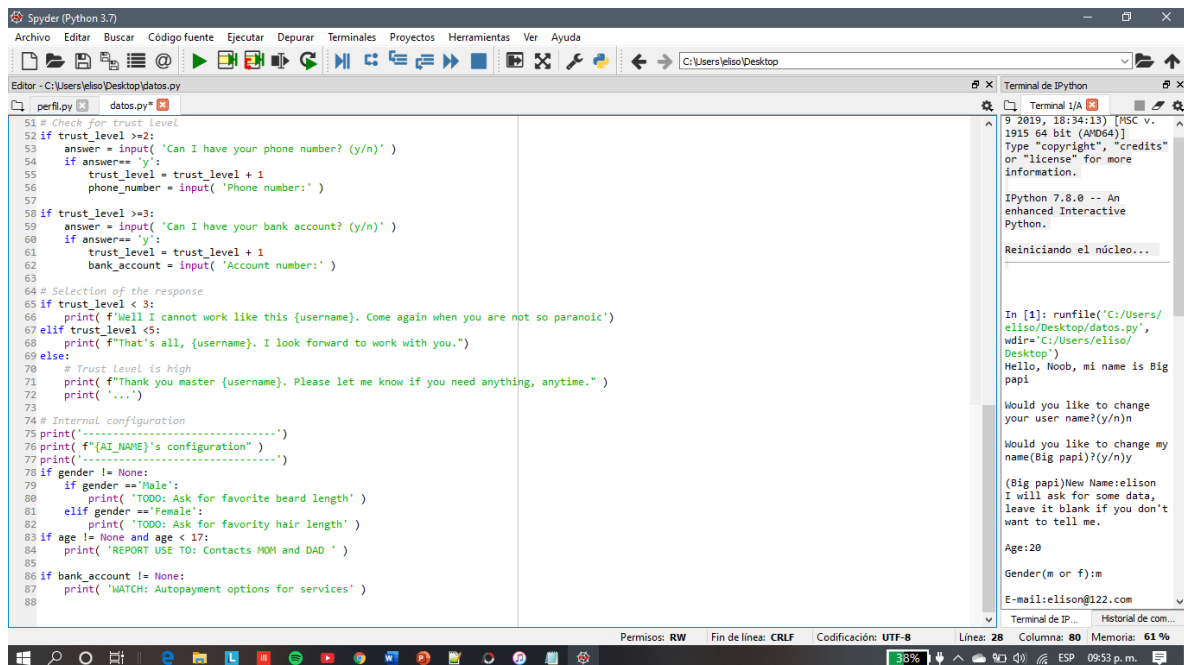
3. DESCRIPTION

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

1. DATA



```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Sun Mar 1 14:07:15 2020
4
5 @author: elison
6 """
7 AI_NAME = 'Big papi'
8 username = 'Elison'
9 trust_level = 0
10 age = None
11 gender = None
12 email=None
13 bank_account = None
14
15 print( f'Hello, {username}, mi name is {AI_NAME}')
16
17 # Change names
18 answer = input('Would you like to change your user name?(y/n)')
19 if answer == 'y':
20     username = input(f'({username})New Name:')
21
22 answer = input(f'Would you like to change my name({AI_NAME})?(y/n)')
23 if answer == 'y':
24     AI_NAME = input(f'({AI_NAME})New Name:')
25
26 |
27 # Ask user input
28 print("I will ask for some data, leave it blank if you don't want to tell me.")
29
30 str_age = input('Age:')
31 if( str_age != '' ):
32     trust_level = trust_level + 1
33     age = int(str_age)
34
35 str_gender = input('gender(m or f):')
36 if( str_gender != '' ):
37     if str_gender == 'm':
38         gender = 'Male'
39         trust_level = trust_level + 1
```



```
51 # Check for trust level
52 if trust_level >=2:
53     answer = input( 'Can I have your phone number? (y/n) ' )
54     if answer== 'y':
55         trust_level = trust_level + 1
56         phone_number = input( 'Phone number:' )
57
58 if trust_level >=3:
59     answer = input( 'Can I have your bank account? (y/n) ' )
60     if answer== 'y':
61         trust_level = trust_level + 1
62         bank_account = input( 'Account number:' )
63
64 # Selection of the response
65 if trust_level < 3:
66     print( f'Well I cannot work like this {username}. Come again when you are not so paranoic')
67 elif trust_level <5:
68     print( f'That's all, {username}. I look forward to work with you.')
69 else:
70     # Trust level is high
71     print( f'Thank you master {username}. Please let me know if you need anything, anytime.' )
72     print( '...' )
73
74 # Internal configuration
75 print('-----')
76 print( f'({AI_NAME})'s configuration" )
77 print('-----')
78 if gender != None:
79     if gender == 'Male':
80         print( 'TODO: Ask for favorite beard length' )
81     elif gender == 'female':
82         print( 'TODO: Ask for favority hair length' )
83 if age != None and age < 17:
84     print( 'REPORT USE TO: Contacts MOM and DAD ' )
85
86 if bank_account != None:
87     print( 'WATCH: Autopayment options for services' )
88
```

2. DESCRIPTION

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