Phyton

INDUSTRIA 4.0

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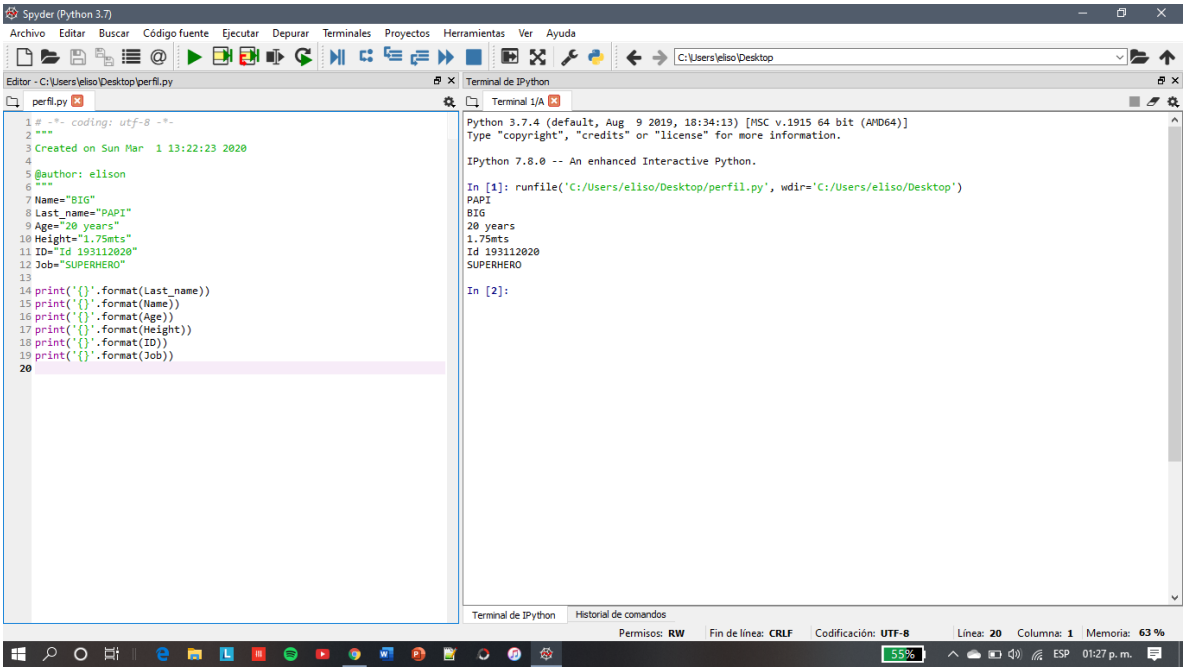
1. PROFILE



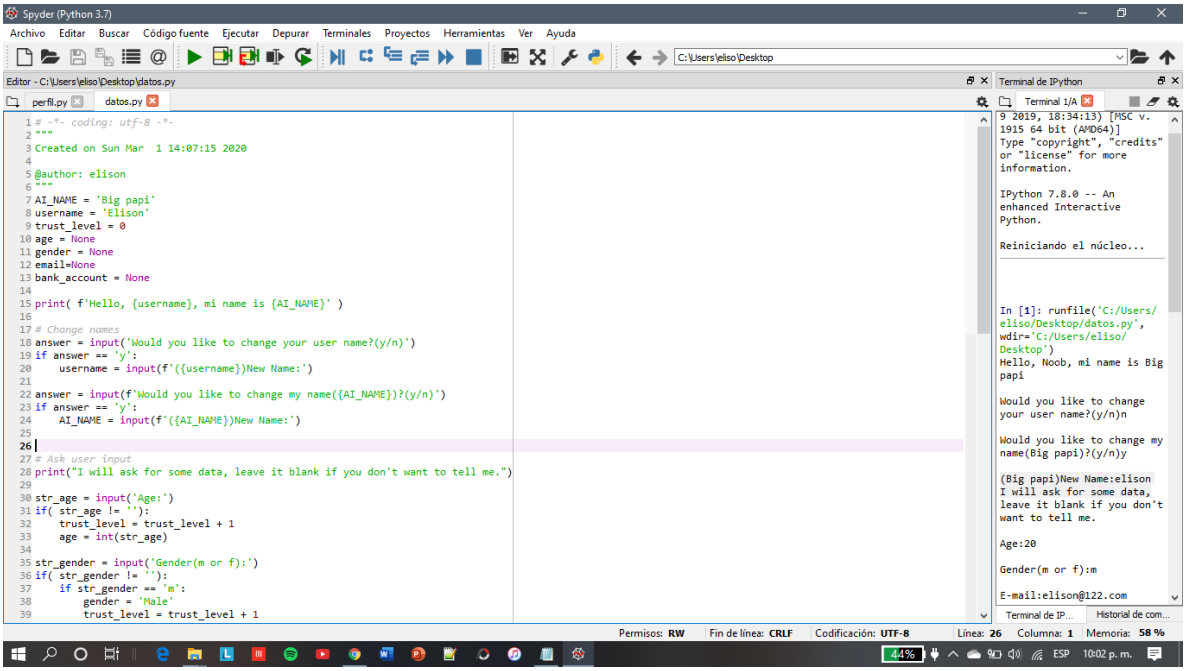
2. CODE PY

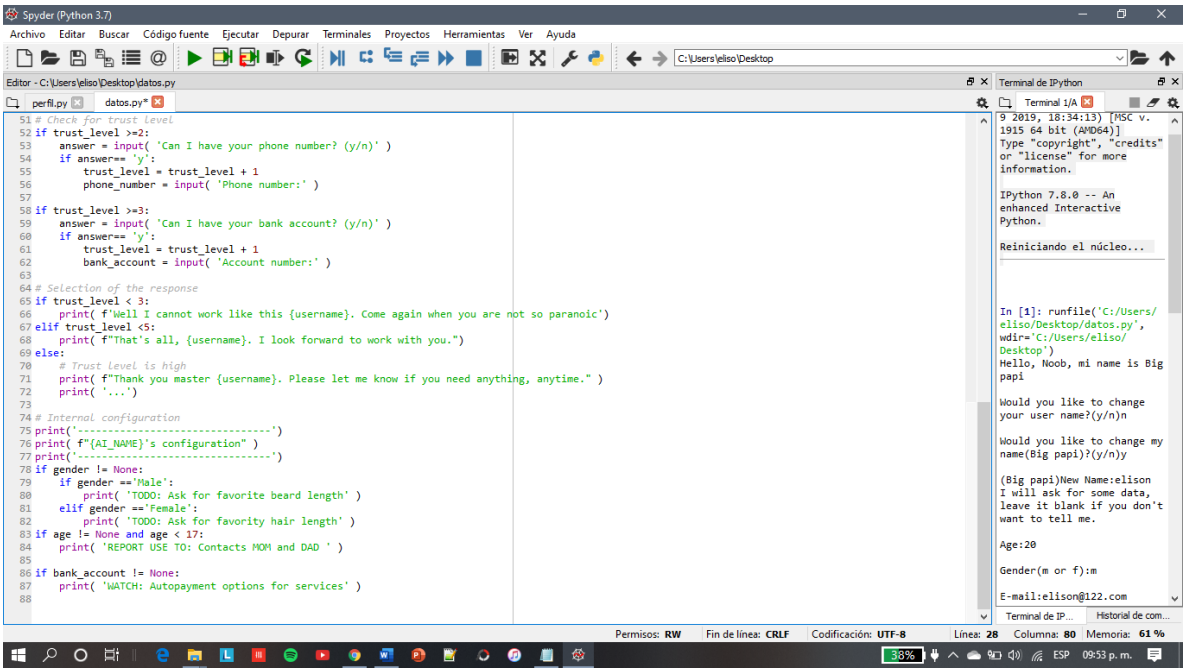
```
Name="BIG"

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





2. DESCRIPTION

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

3. CODE PY

```
# -*- coding: utf-8 -*-
"""
Created on Sun Mar  1 14:07:15 2020

@author: elison
"""
AI_NAME = 'Big papi'
username = 'Elison'
trust_level = 0
age = None
gender = None
email=None
bank_account = None

print( f'Hello, {username}, mi name is {AI_NAME}' )

# Change names
answer = input('Would you like to change your user name?(y/n)')
if answer == 'y':
                                                    username =
input(f'({username})New Name:')

answer = input(f'Would you like to change my name({AI_NAME})?(y/n)')
if answer == 'y':
                                                    AI_NAME =
input(f'({AI_NAME})New Name:')
```

```
n
# Ask user input
print("I will ask for some data, leave it blank if you don't want to tell me.")

str_age = input('Age:')
if( str_age != ''):
                                                    trust_level = trust_level + 1
                                                    age = int(str_age)

str_gender = input('Gender(m or f):')
if( str_gender != ''):
                                                    if str_gender == 'm':
                                                        gender = 'Male'
                                                        trust_level = trust_level + 1
                                                    elif str_gender == 'f':
                                                        gender = 'Female'
                                                        trust_level = trust_level + 1
                                                    else:
                                                        print(f'({str_gender}) does not
exist in my database ')

str_email = input('E-mail:')
if str_email != '':
                                                    trust_level = trust_level + 1
                                                    email = str_email

# Check for trust level
if trust_level >=2:
```

```
                                                    answer = input( 'Can I have your
phone number? (y/n)' )
                                                    if answer== 'y':
                                                        trust_level = trust_level + 1
                                                        phone_number = input(
'Phone number:' )

if trust_level >=3:
                                                    answer = input( 'Can I have your
bank account? (y/n)' )
                                                    if answer== 'y':
                                                        trust_level = trust_level + 1
                                                        bank_account = input(
'Account number:' )

# Selection of the response
if trust_level < 3:
                                                    print( f'Well I cannot work like this
{username}. Come again when you are not so paranoic')
elif trust_level <5:
                                                    print( f"That's all, {username}. I look
forward to work with you.")
else:
                                                    # Trust level is high
                                                    print( f"Thank you master
{username}. Please let me know if you need anything, anytime." )
                                                    print( '...')

# Internal configuration
print('--------------------------------')
print( f"{AI_NAME}'s configuration" )
```

```
print('--------------------------------')
if gender != None:
                                        if gender =='Male':
                                            print( 'TODO: Ask for favorite
beard length' )
                                        elif gender =='Female':
                                            print( 'TODO: Ask for favority
hair length' )
if age != None and age < 17:
                                        print( 'REPORT USE TO: Contacts
MOM and DAD ' )

if bank_account != None:
                                        print( 'WATCH: Autopayment
options for services' )
```