Description

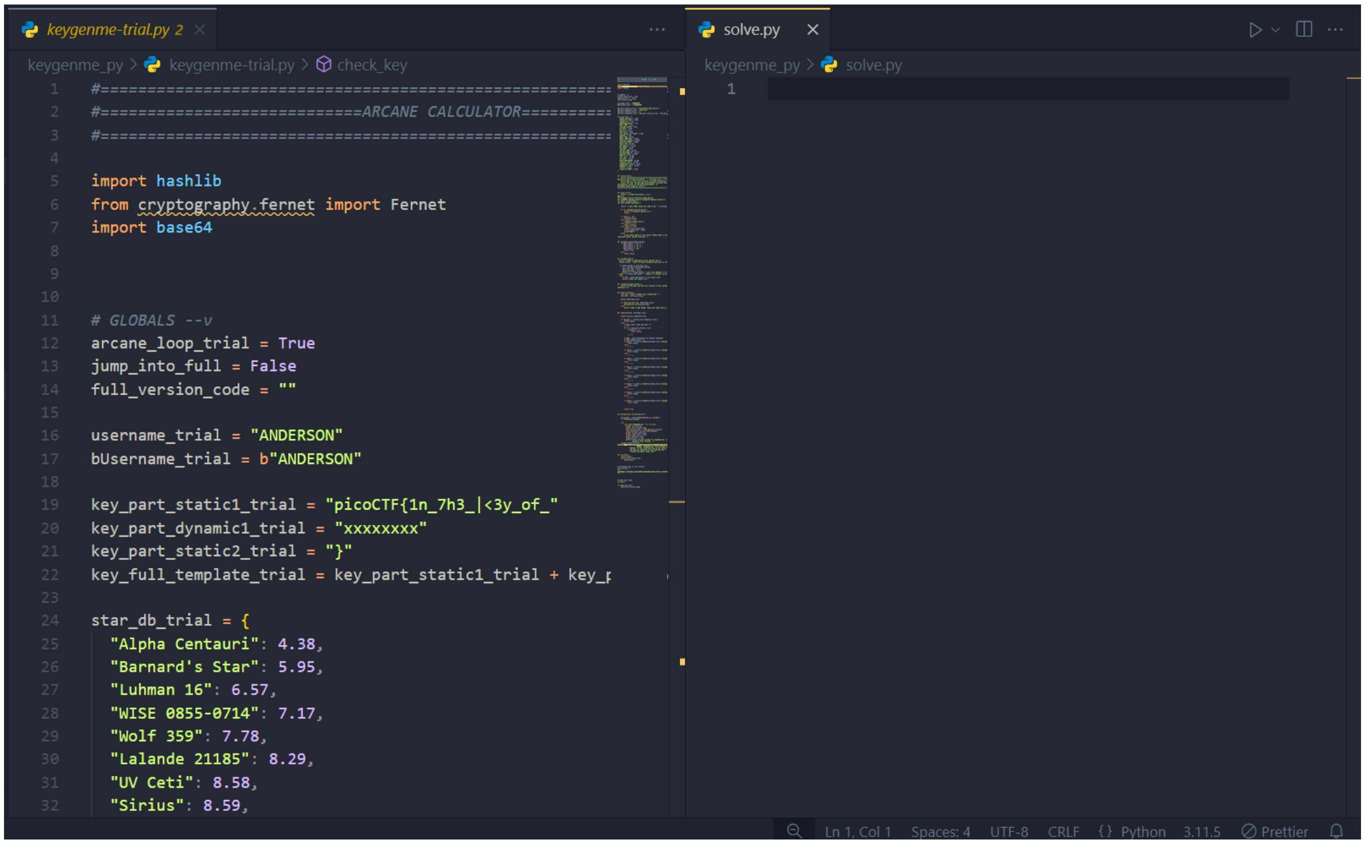
keygenme-trial.py

Hints

- (None)

Solución

Se hará una solución a partir del código dado:



```python
#========================================================
#===========================ARCANE CALCULATOR==========
#========================================================

import hashlib
from cryptography.fernet import Fernet
import base64



# GLOBALS --v
arcane_loop_trial = True
jump_into_full = False
full_version_code = ""

username_trial = "ANDERSON"
bUsername_trial = b"ANDERSON"

key_part_static1_trial = "picoCTF{1n_7h3_|<3y_of_"
key_part_dynamic1_trial = "xxxxxxxx"
key_part_static2_trial = "}"
key_full_template_trial = key_part_static1_trial + key_p

star_db_trial = {
  "Alpha Centauri": 4.38,
  "Barnard's Star": 5.95,
  "Luhman 16": 6.57,
  "WISE 0855-0714": 7.17,
  "Wolf 359": 7.78,
  "Lalande 21185": 8.29,
  "UV Ceti": 8.58,
  "Sirius": 8.59,
```

```
┌──(kali㉿kali)-[~/…/parciales/parcial_03/parte_04_reversing_02/keygenme_py]
└─$ python3 solve.py
picoCTF{1n_7h3_|<3y_of_01582419}

┌──(kali㉿kali)-[~/…/parciales/parcial_03/parte_04_reversing_02/keygenme_py]
└─$ python3 keygenme-trial.py

===============================================
Welcome to the Arcane Calculator, ANDERSON!

This is the trial version of Arcane Calculator.
```

```
The full version may be purchased in person near
the galactic center of the Milky Way galaxy.
Available while supplies last!
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___Arcane Calculator___

Menu:
(a) Estimate Astral Projection Mana Burn
(b) [LOCKED] Estimate Astral Slingshot Approach Vector
(c) Enter License Key
(d) Exit Arcane Calculator
What would you like to do, ANDERSON (a/b/c/d)? c

Enter your license key: picoCTF{1n_7h3_|<3y_of_01582419}

Full version written to 'keygenme.py'.

Exiting trial version...

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Welcome to the Arcane Calculator, tron!

===================================================



___Arcane Calculator___

Menu:
(a) Estimate Astral Projection Mana Burn
(b) Estimate Astral Slingshot Approach Vector
(c) Exit Arcane Calculator
What would you like to do, tron (a/b/c)?
```

Solve.py

```python
import hashlib

username_trial = b"ANDERSON"

key_part_static1_trial = "picoCTF{1n_7h3_|<3y_of_"
key_part_dynamic1_trial = ""
key_part_static2_trial = "}"

hash = hashlib.sha256(username_trial).hexdigest()

key_part_dynamic1_trial += hash[4]
key_part_dynamic1_trial += hash[5]
key_part_dynamic1_trial += hash[3]
key_part_dynamic1_trial += hash[6]
key_part_dynamic1_trial += hash[2]
key_part_dynamic1_trial += hash[7]
key_part_dynamic1_trial += hash[1]
key_part_dynamic1_trial += hash[8]

key_full_template_trial = key_part_static1_trial + key_part_dynamic1_trial +
key_part_static2_trial

print(key_full_template_trial)
```

Bandera

```
flag: picoCTF{1n_7h3_|<3y_of_01582419}
```

Notas Adicionales

Referencias

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