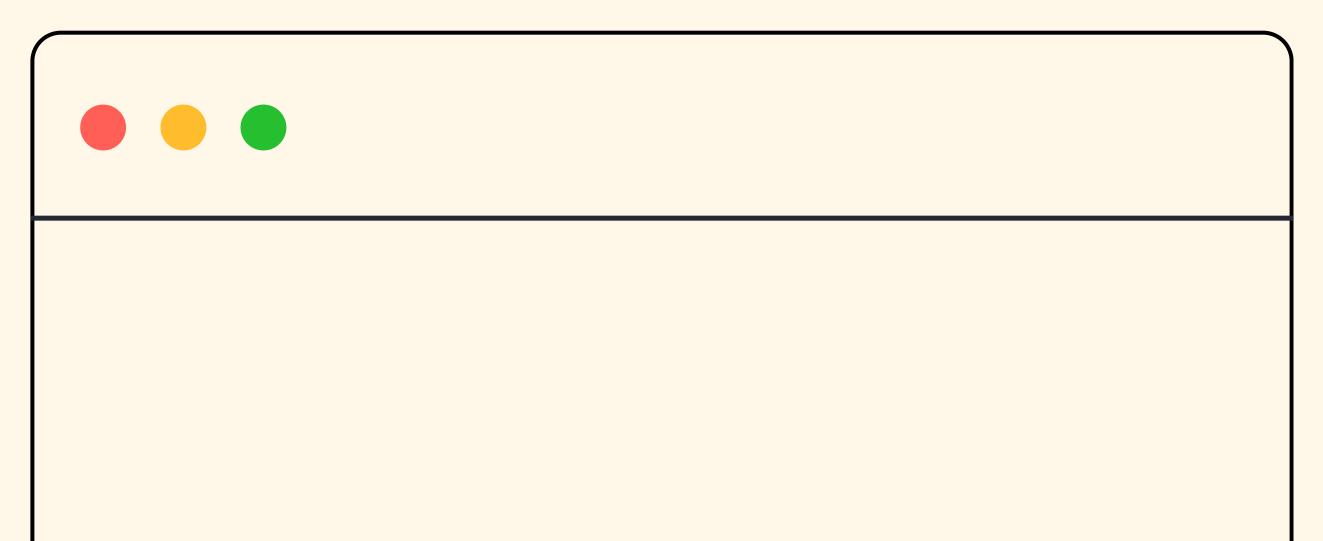
A Fusion of Code and Poem



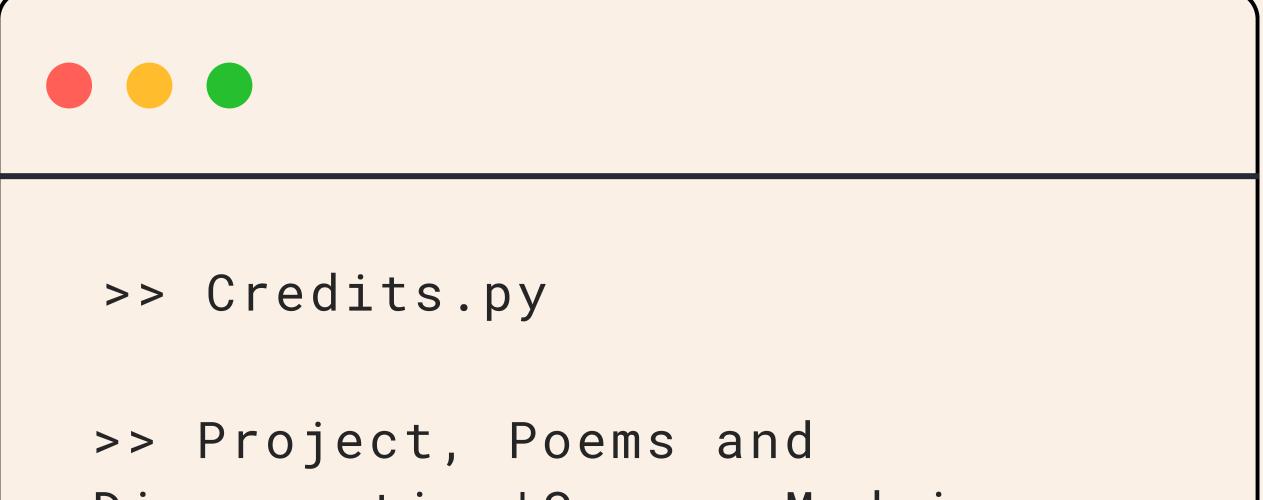
print("My first print") This is not a book about algorithms

Vol. 1 | Python in k-12

Soraya Roberta sorayaroberta.com

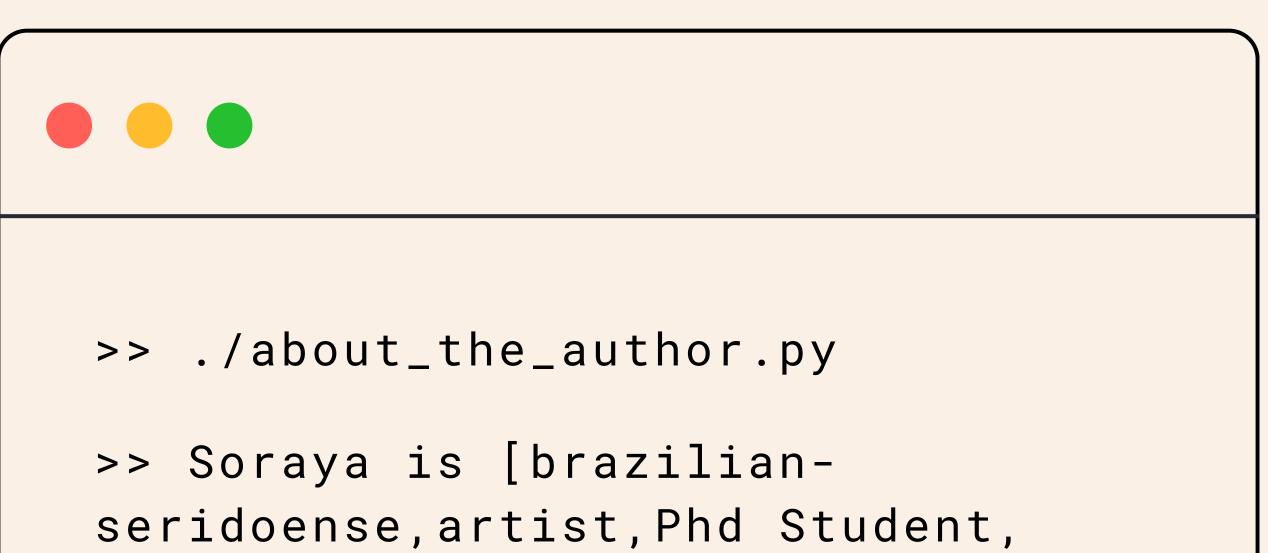


- 2 Compilada_/>



Diagramation|Soraya Medeiros

>> Text corrections | Célia
Medeiros, PhD and Inácio
Medeiros, PhD



dev, Ux, writer, research,
pyladies..]

>> ./img.png



This e-book brings together poems that were used in the education of children and teenagers in the city of Jardim do Seridó, Rio Grande do Norte, in the Brazilian Northeast.

It is part of the Compiled Poetry Project (2012 - ongoing), which aims to teach computational thinking and provide an introduction to the Python language through social, pedagogical and poetic themes.

Theoretically, the e-book is based on Pedagogy

as a Practice for Freedom, developed by Paulo Freire, as well as the Zone of Real and Proximal Development method whose precursor is Vigotsky.

In 2024, it is being applied to the training of Brazilian teachers as part of the development of my doctoral thesis.

To my inner child in the summer of 2003.

racism = True
while racism:

print('''
 Let's fight
 racism
 daily
''')

hair = input("Type your haircut:") if hair == "curly": print("Wow! Your hair is wonderful!") elif hair == "straight": print("Wow! Your hair is

```
wonderful!")
elif hair == "curly":
    print("Wow! Your hair is
wonderful!")
elif hair == "wavy":
    print("Wow! Your hair is
wonderful!")
else:
    print("All haircuts are
wonderful.")
```

status = "sadness and too much anguish"

```
while status == "sadness and too
much anguish":
    print('''
         Talk to
         someone you trust
     ···)
```

```
toys = [
    "ball",
    "doll",
    "toy car",
    "digital games",
    "toy house",
    "kite",
]
```

```
for child in toys:
    print(child)
```

```
print("you can play with whatever
you want")
```

pandemic = True
while pandemic:
 print('''

```
Use mask,
keep social distancing,
wash well your hands with water and soap,
and use alcohol gel.
''')
```



```
religions = [
    "African-based
religion",
    "Catholic",
    "Islamic",
    "Jewish",
    "Protestant",
    "Your religion"
]
```

for human_being in
religions:
 print(human_being)

print('''
 All the choices
 for following a
religious belief
 must be respected.
''')

print('''
 As well,
 the choice
 for not following
 a religion
'''')



}

```
for_the_trip = {
    "pizza": 15.90,
    "hot-dog": 20.90,
    "soda": 5.90,
    "sparkling water": 3.90,
    "juice": 4.90,
    "energy bill": 230.00,
    "beer": 8.90,
    "bread": 2.90,
```

```
"cookie": 1.90,
"workers rights": 0.00,
```

```
summation = 0
for product_, value in
for_the_trip.items():
    print(f"Product: {product_} -
Value: €{value}")
    summation += value
```

```
print(f"Total value of the purchase:
{summation:.2f}")
```

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