

Praticando

October 13, 2023

1 Sistema de arquivos - Aula 7

1.1 Praticando

Crie um arquivo musica.txt com uma parte da sua música preferida (a primeira parte). Faça um programa que acesse o arquivo e insira nele o restante da música.

1.2 Música escolhida

A música escolhida por mim é Mr. Schwartz do grupo inglês Arctic Monkeys:

[Verse 1]

Put your heavy metal to the test
There might be half a love song in it all for you
Timing-wise, it's probably for the best
Come here and kiss me now before it gets too cute

[Chorus]

Mr. Schwartz is stayin' strong for the crew
Wardrobe's lint-rollin' your velveteen suit
And smudgin' dubbin' on your dancin' shoes

[Verse 2]

Gradually, it's coming into view
It's like your little directorial debut
As fine a time as any to deduce
The fact that neither you or I has ever had a clue

[Chorus]

Mr. Schwartz is stayin' strong for the crew
Wardrob 's lint-rollin' your velveteen suit
And smudgin' dubbin' on your dancin' shoes

[Bridge]

And if w guess who I'm pretending to be
Do we win a prize?
Having attempted twice, both incorrectly
Do we get a third try?

[Verse 3]

The gloved hand's reachin' in to hit the switch
There's not one goddamn thing that you can do about it

[Chorus]

Mr. Schwartz is havin' tea with the grips
Askin' after all the wives and the kids
It's at the heart of what the business is

```
[15]: from pathlib import Path

def print_file(file_path: Path):
    if file_path.is_file():
        # Open and read the file
        with file_path.open(mode='r') as file:
            file_content = file.read()

        print(file_content)
    else:
        print("O arquivo não existe.")

def append_to_file(file_path: Path, file_content: str):
    if file_path.is_file():
        with file_path.open(mode='a') as file:
            file.write(file_content)

    else:
        print("O arquivo não existe.")

file_path = Path("musica.txt")

rest_of_the_song = """
[Chorus]
Mr. Schwartz is stayin' strong for the crew
Wardrobe's lint-rollin' your velveteen suit
And smudgin' dubbin' on your dancin' shoes

[Verse 2]
Gradually, it's coming into view
It's like your little directorial debut
As fine a time as any to deduce
The fact that neither you or I has ever had a clue

[Chorus]
Mr. Schwartz is stayin' strong for the crew
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Wardrob 's lint-rollin' your velveteen suit
And smudgin' dubbin' on your dancin' shoes

[Bridge]
And if w guess who I'm pretending to be
Do we win a prize?
Having attempted twice, both incorrectly
Do we get a third try?

[Verse 3]
The gloved hand's reachin' in to hit the switch
There's not one goddamn thing that you can do about it

[Chorus]
Mr. Schwartz is havin' tea with the grips
Askin' after all the wives and the kids
It's at the heart of what the business is
"""

```

1.3 Testes

```

[13]: print("0 arquivo original é:\n")
      print_file(file_path)

```

0 arquivo original é:

```

[Verse 1]
Put your heavy metal to the test
There might be half a love song in it all for you
Timing-wise, it's probably for the best
Come here and kiss me now before it gets too cute

```

```

[16]: append_to_file(file_path, rest_of_the_song)

      print("0 arquivo após a adição é:\n")
      print_file(file_path)

```

0 arquivo após a adição é:

```

[Verse 1]
Put your heavy metal to the test
There might be half a love song in it all for you
Timing-wise, it's probably for the best
Come here and kiss me now before it gets too cute
[Chorus]
Mr. Schwartz is stayin' strong for the crew
Wardrobe's lint-rollin' your velveteen suit
And smudgin' dubbin' on your dancin' shoes

```

[Verse 2]

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[Chorus]

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[Bridge]

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[Verse 3]

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[Chorus]

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Askin' after all the wives and the kids
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