

open.py - Katas - Visual Studio Code

```
open.py > ...
1 def main():
2     open("/path/to/mars.jpg")
3
4 if __name__ == '__main__':
5     main()
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
Usuario@DESKTOP-6ANIDPU MINGW64 ~/Desktop/Katas
$ c:/Users/Usuario/Desktop/Katas/env/Scripts/python.exe c:/Users/Usuario/Desktop/Katas/open.py
Traceback (most recent call last):
  File "c:/Users/Usuario/Desktop/Katas/open.py", line 5, in <module>
    main()
  File "c:/Users/Usuario/Desktop/Katas/open.py", line 2, in main
    open("/path/to/mars.jpg")
FileNotFoundError: [Errno 2] No such file or directory: '/path/to/mars.jpg'
(env)
Usuario@DESKTOP-6ANIDPU MINGW64 ~/Desktop/Katas
$
```

Python 3.10.2 (env: vem) 0 0 0 Ln 5, Col 11 Spaces: 4 UTF-8 CRLF Python

config.py - Katas - Visual Studio Code

```
config.py > ...
1 def main():
2     try:
3         configuration = open('config.txt')
4     except FileNotFoundError:
5         print("Couldn't find the config.txt file!")
6
7
8 if __name__ == '__main__':
9     main()
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
SyntaxError: (unicode error) 'unicodeescape' codec can't decode bytes in position 2-3: truncated \U00000000 escape
(env)
Usuario@DESKTOP-6ANIDPU MINGW64 ~/Desktop/Katas
$ c:/Users/Usuario/Desktop/Katas/env/Scripts/python.exe c:/Users/Usuario/Desktop/Katas/config.py
Traceback (most recent call last):
  File "c:/Users/Usuario/Desktop/Katas/config.py", line 9, in <module>
    main()
  File "c:/Users/Usuario/Desktop/Katas/config.py", line 3, in main
    configuration = open('config.txt')
PermissionError: [Errno 13] Permission denied: 'config.txt'
(env)
Usuario@DESKTOP-6ANIDPU MINGW64 ~/Desktop/Katas
$
```

Python 3.10.2 (env: vem) 0 0 0 Ln 9, Col 11 Spaces: 4 UTF-8 CRLF Python

The screenshot shows the Visual Studio Code editor with a file named `config.py` open. The code in the editor is as follows:

```
1 def main():
2     try:
3         configuration = open('config.txt')
4     except Exception:
5         print("Couldn't find the config.txt file!")
6
7 if __name__ == '__main__':
8     main()
9
```

The terminal at the bottom shows the command `python.exe c:/Users/Usuario/Desktop/Katas/config.py` being executed. The output is a `PermissionError: [Errno 13] Permission denied: 'config.txt'`. The status bar at the bottom indicates the file is at line 10, column 1, with 4 spaces, in UTF-8 encoding with CRLF line endings, using the Python interpreter.

The screenshot shows the Visual Studio Code editor with the same file `config.py`, but the code has been updated to handle different types of errors:

```
1 def main():
2     try:
3         configuration = open('config.txt')
4     except FileNotFoundError:
5         print("Couldn't find the config.txt file!")
6     except IsADirectoryError:
7         print("Found config.txt but it is a directory, couldn't read it")
8
9 if __name__ == '__main__':
10    main()
11
12
```

The terminal shows the command `python.exe c:/Users/Usuario/Desktop/Katas/config.py` being executed. The output is a `PermissionError: [Errno 13] Permission denied: 'config.txt'`. The status bar at the bottom indicates the file is at line 1, column 1, with 4 spaces, in UTF-8 encoding with CRLF line endings, using the Python interpreter.

