



Dec 8 14:53

main.py - Visual Studio Code

File Edit Selection View Go Run Terminal Help

main.py x

home > parallels > Documents > main.py > ...

```
14 def get_current_os():
15     os_name = platform.system()
16     return os_name
17
18 def convert_path(os_name, path):
19     if os_name == "Windows":
20         if path.startswith("/"): # I am making the assumption that all given file paths will go down to the root.
21             path = path.replace("/", f"C:\\", 1)
22         path = path.replace("/", "\\")
23         path = path.replace("\\ ", " ") # Deal with hold over escape sequences
24         path = path.replace("` ", " ") # Deal with hold over escape sequences
25         path = path.replace(" ", "` ") # Deal with potential spaces in the name
26         return path
27
28     elif os_name in ["Darwin", "Linux"]:
29         if path.startswith("C:\\"): # assum
30             path = path.replace(f"C:\\", "/")
31         path = path.replace("\\", "/") # "/" is
32         path = path.replace("` ", " ") # Deal w
33         path = path.replace("\\ ", " ") # Deal wi
34         path = path.replace(" ", "` ") # Deal with potential spaces in the name
35         return path
36     else:
37         raise ValueError("Unsupported operating system")
38
39 if __name__ == "__main__":
40     current_os = get_current_os()
41     user_input_path = input("Please enter the file name and path (example: /Users/bjohn323/GitHub/test.txt): ")
42     try:
43         converted_path = convert_path(current_os, user_input_path)
44         print(f"The converted file path is: {converted_path}")
45     except ValueError as e:
```

Visual Studio Code Installed

Added Linux to the OS type list to make it work properly an not throw the usupporte operating system valueError

Ubuntu OS

M6 path output working correctly

```
buntu-linux-2404:~$ /bin/python3 /home/parallels/Documents/main.py
/home/parallels/Documents/main.py:23: SyntaxWarning: invalid escape sequence '\ '
/home/parallels/Documents/main.py:33: SyntaxWarning: invalid escape sequence '\ '
/home/parallels/Documents/main.py:34: SyntaxWarning: invalid escape sequence '\ '
Please enter the file name and path (example: /Users/bjohn323/GitHub/test.txt): /Users/bjohn323/GitHub/test.txt
The converted file path is: /Users/bjohn323/GitHub/test.txt
parallels@ubuntu-linux-2404:~$
```

Ln 41, Col 112 Spaces: 4 UTF-8 LF {} Python 3.12.3