

```
import pandas as pd
```

```
# Sample DataFrame
```

```
data = {'CharacterColumn': ['Hello', 'World', 'Python', 'Pandas', 'DataFrames']}  
df = pd.DataFrame(data)
```

```
# Specify the column to swap cases
```

```
column_name = 'CharacterColumn'
```

```
# Swap the cases of the specified column
```

```
df[column_name] = df[column_name].str.swapcase()
```

```
# Display the modified DataFrame
```

```
print("DataFrame with swapped cases:")
```

```
print(df)
```

```
IDLE Shell 3.12.0  
File Edit Shell Debug Options Window Help  
Python 3.12.0 (tags/v3.12.0:0fb18b0, Oct 2 2023, 13:03:39) [MSC v.1935 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>> = RESTART: C:\Users\ARTHI\OneDrive\Documents\Query Processing\swap the cases of a specified character [Q21].py  
DataFrame with swapped cases:  
CharacterColumn  
0 hELLO  
1 wORLD  
2 pYTHON  
3 pANDAS  
4 dAtAfRAMES  
>>>  
Ln: 12 Col: 0
```