

OS Remove

December 3, 2022

0.1 Check Directory

```
[38]: !pwd  
  
/c/Users/juelb/Desktop/Daily Dose Python/Python Basics (.ipynb)
```

0.2 Check files present in directory

```
[39]: !ls  
  
Database  
Match Case.ipynb  
Untitled.ipynb
```

0.3 Create a file (works on Linux, Mac, git bash on windwos)

```
[40]: !touch student.csv
```

```
[41]: import os
```

0.4 Delete a file in the current directory

```
[42]: os.remove('student.csv')
```

0.5 Delete a file inside a nested directory

```
[43]: os.remove('Database/file.txt')
```

0.6 Delete a file one level up the working directory

```
[44]: os.remove('../file.txt')
```

0.7 Delete a file using absolute path

```
[45]: os.remove('C:/Users/juelb/Desktop/student.csv')
```

0.8 Delete a file with windows path : Error

```
[48]: os.remove('C:\Users\juelb\Desktop\school.xls')
```

Input In [48]

```
os.remove('C:\Users\juelb\Desktop\school.xls')
```

```
SyntaxError: (unicode error) 'unicodeescape' codec can't decode bytes in_
↪position 2-3: truncated \UXXXXXXX escape
```

0.9 Delete a file with windows path : Solutions

0.9.1 Change backslash to frontslash

```
[ ]: os.remove('C:/Users/juelb/Desktop/student.csv')
```

0.9.2 Escape the backslash

```
[47]: os.remove('C:\\Users\\juelb\\Desktop\\school.xls')
```

0.9.3 Use the 'r' letter before the string, to send the string as raw string

```
[50]: os.remove(r'C:\Users\juelb\Desktop\football.txt')
```

0.10 Delete a file that is not present

```
[51]: os.remove('school.txt')
```

FileNotFoundError

Traceback (most recent call last)

Input In [51], in <cell line: 1>()

```
----> 1 os.remove('school.txt')
```

```
FileNotFoundError: [WinError 2] The system cannot find the file specified:
↪'school.txt'
```