Automate Parsing and renaming multiple files



import os

for f in os.listdir('.'):

if f.endswith('.mp4'):

f\_name, f\_ext = os.path.splitext(f)

lesson, course, lesson\_number = f\_name.split('-')

lesson = lesson.strip()

course = course.strip()

lesson\_number = lesson\_number.strip()[1:].zfill(2)

ideal\_name = f'{lesson\_number}-{lesson}{f\_ext}'

os.rename(f, ideal\_name)

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**import** os  
  
os.chdir(**'/path/to/files/'**) *# Print all the current file names***for** f **in** os.listdir():  
 *# If .DS\_Store file is created, ignore it* **if** f == **'.DS\_Store'**:  
 **continue** file\_name, file\_ext = os.path.splitext(f)  
 *# print(file\_name)  
  
 # One way to do this* f\_title, f\_course, f\_number = file\_name.split(**'-'**)  
  
 *# print('{}-{}-{}{}'.format(f\_number, f\_course, f\_title, file\_ext))  
  
 # Need to remove whitespace* f\_title = f\_title.strip()  
 f\_course = f\_course.strip()f\_number = f\_number.strip()[1:].zfill(2)

print(**'{}-{}{}'**.format(f\_number, f\_title.strip(), file\_ext.strip()))  
  
 new\_name = **'{}-{}{}'**.format(file\_num, file\_title, file\_ext)  
  
 os.rename(fn, new\_name)