# Credits: https://github.com/fastai/course-v3/tree/master/nbs/dl2

import re

import json

def is\_export(cell):

if cell['cell\_type'] != 'code': return False

src = cell['source']

if len(src) == 0 or len(src[0]) < 7: return False

return re.match(r'^\s\*#\s\*export\s\*$', src[0], re.IGNORECASE) is not None

def notebook2scriptSingle(fname):

"Finds cells starting with `#export` and puts them into a new module"

fname\_out = 'submissionSeamCarving.py'

main\_dic = json.load(open(fname,'r',encoding="utf-8"))

code\_cells = [c for c in main\_dic['cells'] if is\_export(c)]

module = f'''

#################################################

### THIS FILE WAS AUTOGENERATED! DO NOT EDIT! ###

#################################################

# Edit {fname} instead.

'''

for cell in code\_cells: module += ''.join(cell['source'][1:]) + '\n\n'

# remove trailing spaces

module = re.sub(r' +$', '', module, flags=re.MULTILINE)

output\_path = fname\_out

open(output\_path,'w').write(module[:-2])

print(f"Converted {fname} to {output\_path}")

if \_\_name\_\_ == '\_\_main\_\_':

notebook2scriptSingle('SeamCarving.ipynb')