

```
# -copy_file.py *- coding: utf-8 -*-  
"""
```

Exercise: Convert this function to a standalone program or script that takes two file names from the command line and copies one to the other.

Steps:

1. Delete "Def" line. You don't need it.
2. Use Edit menu of Spyder to Unindent all the lines.
3. import the system library sys
4. sys.argv is a list of the filenames following the program name.
sys.argv[0] is the program name, sys.argv[1] is first argument, etc.
Get the infilename and outfilename from this list.
5. Save the program as copy_file.py
6. Run the program from a terminal window (Mac), a cmd.exe window (PC,) or a command prompt within Spyder (use Tools>Open command prompt)

Here is how running it should look:

```
>python copy_file.py humptydumpty.txt newhumpty.txt  
"""
```

```
""" Opens two files and copies one into the other line by line. """  
import sys
```

```
infilename = sys.argv[1]  
outfilename = sys.argv[2]
```

```
infile = open(infilename)  
outfile = open(outfilename, 'w')
```

```
for line in infile:  
    outfile.write(line)
```

```
infile.close()  
outfile.close()
```