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Lab - Command-line image processing

Sample images

1. One of my directories is the following:

```
/users/tutors/mhumphrysdculab/share/testsuite/ORahilly/06.Ballylongford
```

2. This directory contains images, some very large.

Script

Make a Shell script that does the following.

1. Go to 06.Ballylongford
2. **Get the file wildcard right:** Consider only the JPEG images whose filenames contain the string 008

```
-rwxr-xr-x 1 mhumphrysdculab tutors 1458188 Sep 17 15:03 sa400008.jpg
-rwxr-xr-x 1 mhumphrysdculab tutors 335705 Sep 17 15:03 SA400008.lores.jpg
-rwxr-xr-x 1 mhumphrysdculab tutors 839955 Sep 17 15:03 sa400081.jpg
-rwxr-xr-x 1 mhumphrysdculab tutors 123202 Sep 17 15:03 SA400081.lores.jpg
-rwxr-xr-x 1 mhumphrysdculab tutors 640661 Sep 17 15:03 sa400082.jpg
-rwxr-xr-x 1 mhumphrysdculab tutors 1237799 Sep 17 15:03 sa400083.jpg
-rwxr-xr-x 1 mhumphrysdculab tutors 222040 Sep 17 15:03 SA400083.lores.jpg
```

3. Your script will build 1/8 size versions of these JPEG images.

4. Your script will output the new, small images into a directory in your own filespace.

Notes

1. You will base this on the sample script in **Command-line image processing**.
2. **Get the input directory and output directory right:** You are *not* to copy my files to your directory and process them there.
You should leave them in my directory, but send the output to your directory.

Marking

100%

Your script makes 1/8 size copies, using the correct input directory and output directory and file wildcard.

40%

Your script makes 1/8 size copies of some images somewhere, but not using the correct input directory and output directory and file wildcard.

0%

Otherwise.

Questioning

The tutors and I may question you about your code.
If you cannot explain what your code is doing you will lose marks.