

Reality Check

Word Problem

Write a portable Bash Shell script called **getStats.bash** that uses a valid file pathname as the first argument.

If there is not exactly one argument after your command, you will display a USAGE error message and exit the shell script with a false value. If there is one argument, but it is NOT a valid regular file, then you will display an error message, and exit the shell script with a false value.

If there is exactly one argument after your command, and it contains a valid regular file pathname, your shell script is designed to count the number of students enrolled in your sections **a**, **b** and **c** of the course ops435.

Refer to sample run below for data file format and command runs....

Sample Runs (Commands or shell script appears in bold)

```
cat courses.dat
ops435a:Murray Saul
ops435a:Evan Weaver
ops435b:Mohammad khan
ops435c:Brian Perry
ops435b:Mark Fernandes
ops435b:Mike Martin
ops435a:Chris Tyler
ops435a:John Selmys
./getStats.bash
USAGE: ./getStats.bash [datafile]
./getStats.bash nofile.txt
Filename "nofile.txt" does not exist
./getStats.bash courses.dat
```

Enrollment statistics:

```
Section A: 4
Section B: 3
Section C: 9
```

ANSWER :