

### Redirection (10 points)

Download the redirection.zip file from the drop box. Unzip the files on your laptop/PC. There will be a redirection.exe file and an in.csv file. On Windows, click on the Start button and type "cmd" and enter. The terminal window will come up. Type "cd filepath" where filepath is the path of the folder where the redirection.exe and in.csv files are in. Then, type:

```
redirection < in.csv > results.txt
```

The provided C program (redirection.exe) declares an integer array array[100], prompts the user to "Enter 100 integers:", reads in (redirects) 100 integers from the (in.csv) file, and writes out (redirects) the squares of those 100 integers to the (results.txt) file. Once another prompt is given, the program has completed.

Take a screenshot of the terminal that has the redirection command. Put the picture file in the folder with the unzipped files. Zip up the picture file and the results.txt file. Upload the zip file to the drop box in Elearning.

The redirection.c file is included since the redirection.exe file may not work on MACs or other operating systems. The redirection.c file will have to be compiled with this command:

```
gcc redirection.c -o redirection
```

Then, type this to run the program:

```
./redirection < in.csv > results.txt
```