# Programming Project A

Gas Prices

In the file *gas_prices.txt* you will find weekly U. S. gas prices for 1994 through 2012. The format is **<date>:<price>**, as follows:

```
01-03-1994:0.992
01-10-1994:0.995
01-17-1994:1.001
01-24-1994:0.999
01-31-1994:1.005
02-07-1994:1.007
02-14-1994:1.016
02-21-1994:1.009
02-28-1994:1.004
03-07-1994:1.007
…
```

Write a program that reads this file and outputs a report containing the **low** price, **average** price, and **high** prices for **each year**, as well as the **average** prices for **each month** of each year, sorted by year and month, as follows:

```
1994:
        Low: $0.99, Avg: $1.08, High: $1.17
        January     $1.00
        February    $1.01
        March       $1.01
        April       $1.03
        May         $1.05
        June        $1.08
        July        $1.11
        August      $1.15
        September   $1.14
        October     $1.11
        November    $1.12
        December    $1.13

    1995:
        etc.
```

Redirect your report to a file named gas_report.txt and submit it along with your code in a file named gasprices.py. Before you submit, run **pylint** on your code until it passes with a 10.0 score. Include the following comment near the top of your file at file scope to turn off requiring all caps for global names:

```
# pylint: disable=invalid-name
```

If you turn off any other **pylint** checks, explain why.