**Compile and execute a Pascal program**

The purpose of this exercise is to give you a crash course in Pascal programming by looking at some code. Use one of the following online Pascal interactive development environments (IDE):

* <https://www.jdoodle.com/execute-pascal-online>
* <https://www.onlinegdb.com>

All files referred to below are found in the [course Git repository](https://github.com/Yeshiva-University-CS/COM3645-S25/tree/main/01.CompilePascal).

There are 2 .pas files, *EmployeeListing.pas* and *Presidents.pas*

Each when run with their respective inputs must produce the outputs provided.

***There are small issues with each program. You are to find and correct those issues.***

You may use the use the online IDEs and compilers and cut and paste the code and input. You shoud also install the Pascal Free Compiler on Linux and compile and run from the command line *(sudo apt install fp-compiler-3.2.2*). VSCode is also an option with the installation and configuration of a couple of extensions.

**Some Notes of Pascal text input**

If *ch* is a character variable, then *read(ch)* will read the next character from the standard input. If *n* is an integer variable, then *read(n)* will read the next integer value from the standard input. A call to *readln* will skip the rest of the current input line. Then the next call to read will read starting on the next input line.

Boolean functions *eoln* and *eof* without parameters test whether the standard input is at the end of the current line or at the end of file, respectively. (If you are typing input data into a Windows command window, a line containing only control-Z is the end-of-file marker. On Linux and the Mac, it′s control-D.)

**Some notes on Pascal’s built-in string type**

Read online how to use the string type:

* <https://wiki.freepascal.org/String>
* <https://www.freepascal.org/docs-html/rtl/sysutils/stringfunctions.html>

To use Pascal string functions, you may need to add the below line at the beginning of your program: *uses sysutils;*

**Deliverables**

The two corrected pascal files: *EmployeeListing.pas, Presidents.pas*

**HW Submission Instructions**

* The assignment must be checked into the [YU GitHub system](https://github.com/Yeshiva-University-CS) into the ***Compilers*** branch that you created for this course.
* This assignment will be checked into the **/hw1** folder.
* I will be running your code using the Pascal Free Compiler on Linux. Please make sure it builds and runs.