# Fall 2024 CIS 620 Homework 2 III

(Due Oct. 8)

2-13 EXERCISE

The file environ stores the process's environment variables in a format similar to the content of the cmdline file. Modify Program 2.11 (p2.11.cxx) to read and display the contents of the environ file.

Assume that you already have the modified p2.11.cxx in the current working directory on the spirit machine. Please replace the following xxxxxxx with your actual csu id.

**Instructions**:

1. Issue "who am i && date" command in a terminal on the spirit machine.
2. Compile your modified p2.11.cxx using the command of "g++ -o xxxxxxx p2.11.cxx" (please replace xxxxxxx with your csu id)
3. Run your program using the command of "./xxxxxxx" (please replace xxxxxxx with your csu id)
4. Issue "who am i && date" command again.
5. Do a screen capture and save it as ex-xxxxxxx.png where xxxxxxx is your csu id. Please make sure that the above two "who am I && date" commands and the contents between these two commands are captured. Depending on the numbers of the environment variables, you might need to do two or more screen captures to capture all the contents mentioned above. In the latter case, you need to turnin all the screen capture files. Just append your files to the turnin command, separated with a space.
6. Upload the above ex-xxxxxxx.png to the current working directory (same directory as where p2.11.cxx is located) on the spirit machine.
7. Open another terminal and login to the grail machine.
8. Go to the directory where the modified p2.11.cxx and ex-xxxxxxx.png are located on the grail machine.

## Turning it in

Turnin your modified source code file p2.11.cxx and the screen capture file ex-xxxxxxx.png where xxxxxxx is your csu id on the **grail** machine using the following command:

```
turnin -c cis620x -p hwch2b p2.11.cxx ex-xxxxxxx.png
```

Start on time and good luck. If you have any questions, send e-mail to a.shetty13@vikes.csuohio.edu or w.xiong15@csuohio.edu.