

## 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 xxxxxx p2.11.cxx" (please replace xxxxxx with your csu id)
3. Run your program using the command of "./xxxxxx" (please replace xxxxxx 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 xxxxxx 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 xxxxxx is your csu id on the **grail** machine using the following command:

```
turnin -c cis620x -p hwch2iib 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](mailto:a.shetty13@vikes.csuohio.edu) or [w.xiong15@csuohio.edu](mailto:w.xiong15@csuohio.edu).