Fall 2024 CIS 620 Homework 1
(Due Sep. 26)

If you compile the program p1.4.cxx from Gray's book on the **spirit** machine using the command of "g++ p1.4.cxx", you will get the following error messages:

```
p1.4.cxx: In function 'int main()':
p1.4.cxx:22:45: error: cast from 'int*' to 'int' loses precision [-fpermissive]
   22 |   cout << "Adr etext: " << hex << int(&etext) << "\t ";
      |                                              ^
......
......
......
```

Please modify the program p1.4.cxx to make the compilation on the spirit machine successful without any error messages.

Assume that you already have the modified p1.4.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 p1.4.cxx using the command of "g++ -o xxxxxxx p1.4.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.
6. Upload the above ex-xxxxxxx.png to the current working directory (same directory as where p1.4.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 p1.4.cxx and ex-xxxxxxx.png are located on the grail machine.

Turning it in

Turnin your modified source code file p1.4.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 hwch1b p1.4.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.