

Fall 2024 CIS 620 Homework 6 I

(Due Oct. 17)

6-1 EXERCISE

As shown in Program 6.1 (p6.1.cxx), the most significant byte of flock's returned key value is the character value passed as the second argument i.e., the value assigned to proj. The remaining parts of the key are obtained from information returned by the stat system call (using pathname as its argument). What stat information is used by flock, and what is flock's underlying algorithm? Write a short program that supports your answer.

Please modify the program p6.1.cxx to support your answer. Rename the modified p6.1.cxx to p6.1.xxxxxxx.cxx where xxxxxxx is your CSU ID.

Turning it in

Turnin your p6.1.xxxxxxx.cxx where xxxxxxx is your CSU ID on the **grail** machine using the following command:

```
turnin -c cis620x -p hwch6ib p6.1.xxxxxxx.cxx
```

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.