
Extra Credit #4

Due: May 21, 2021

Points: 15

Questions

1. (15 points) The year 2038 will pose a problem for most 32-bit UNIX and Linux systems because of the way time is represented. What specific aspect of the representation makes that year a problem? When during the year does the problem occur? Give a specific date and time. Show how you got it. What is the date with the same effect on a 64-bit system?

Hint: You will need to write a small program to find the specific date and time.