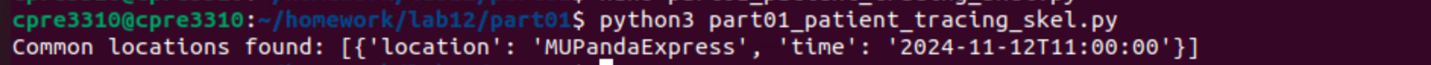
**Lab 12 Template – Ethan Roepke**

Some questions require multiple parts to be answered, be sure to discuss them in full.

**Part 01:**

1. Take a screenshot of the location and time where you were in contact with the COVID-19 patient to include in your lab report (10 points)



1. Uploadyour code to Canvas (10 points)

UPLOADED

1. Please provide another real-world example where PSI could be beneficial.  Justify your reasons why it maintains confidentiality and privacy in your proposed use case.  Explain how it benefits public good and protects individual rights (25 total points)

**Part 02:**

1. Uploadyour code to Canvas (10 points)

UPLOADED

**Part 03:**

1. Take a screenshot of the 4 plaintext averages (10 points)
2. Upload your code to Canvas (10 points)

UPLOADED

1. How could partially homomorphic encryption be effectively used in an election?

3 viewpoints (25 total points, 8.33 points each perspective)