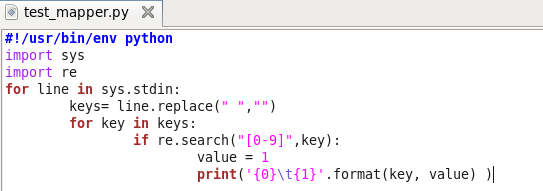
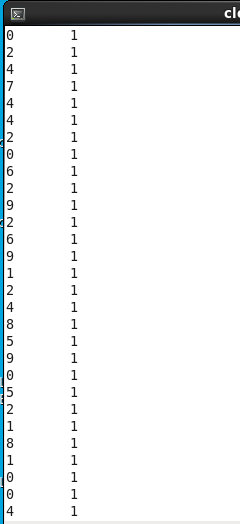
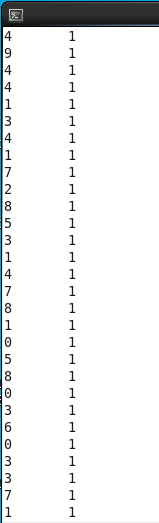
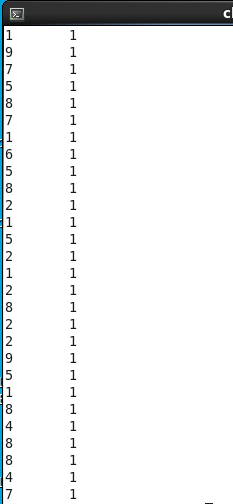
Name: Chen Liao

CWID: 10436441

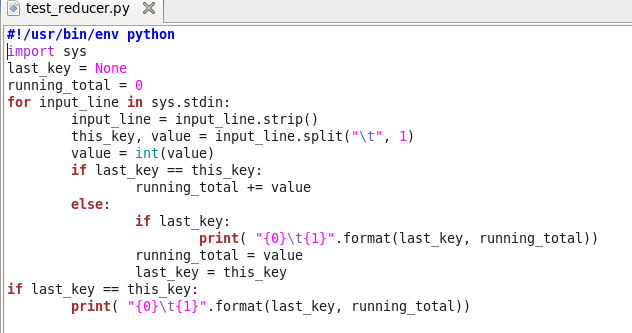
1. **Map Program:**



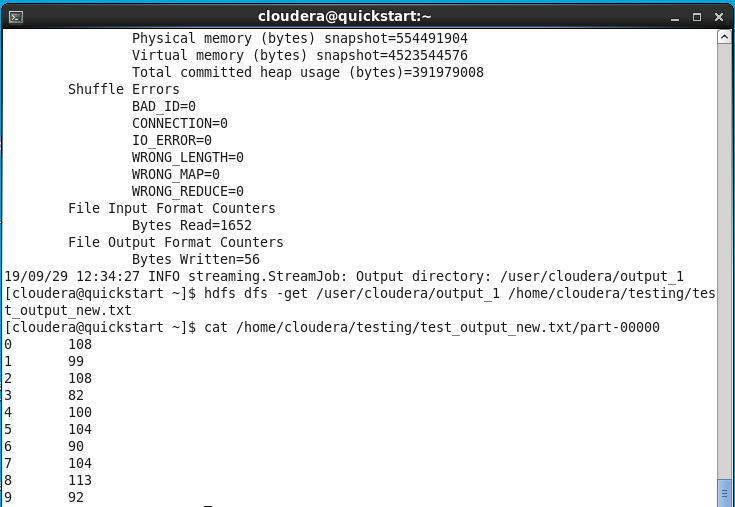
1. **The K\V pairs emitted by mapper**: (can’t see all of them, just a small part)



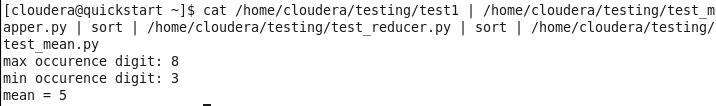
1. **Reducer Program:**



1. **The K/V pairs emitted by reducer:**



1. **The Answers** (I wrote a program to compute the answers, ran locally):



Max occurrence digit: 8

Min occurrence digit: 3

Mean: 5