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ECE 5480 Fall 2018

Project 2.

Output of Recover_hashed_passwords.py

MATCH: hash # d0763edaa9d9bd2a9516280e9044d885

 = monkey

The search took: 6.625837453148552microseconds

MATCH: hash # 7f46165474d11ee5836777d85df2cdab

 = online

The search took: 147.57547054739928microseconds

MATCH: hash # ce23a7324c0caa154b80e7c870bc96cc

 = candle

The search took: 892.3798351672344microseconds

MATCH: hash # 8bd2187885396cb5cd74803cef297e2f

 = soulmate

The search took: 1671.518084771567microseconds

NO MATCH FOUND FOR 3e00712f3ca87da6db5f428f9e7e3858

= NA

The search took: 3150.284534542448microseconds

MATCH: hash # cf4c2232354952690368f1b3dfdfb24d

 = onion

The search took: 1766.990378982841microseconds

MATCH: hash # e6ddef1676465d16e02895ad81fc0b0f

 = doggy1

The search took: 1952.8150021006913microseconds

MATCH: hash # 37eb173a3a7538e08d61556f90bfec02

 = bremen

The search took: 2409.0942630788786microseconds

MATCH: hash # d7a6d52c49aa1aafc61cedcc379b8159

 = vicki

The search took: 2522.3358486417824microseconds

MATCH: hash # 6a02671cfffc0a16a6a2949e8371d100

 = hazmat

The search took: 3950.2038197952866microseconds

Questions

Finally include answers to these questions:

1. Min time to recover a password: 6.625837453148552 microseconds

2. Maximum time to successfully recover a password: 3950.2038197952866 microseconds

3. Time needed to search the entire rainbow table when no password could be recovered: 3150.284534542448 microseconds