Output:

The first word was %123456%

Common Passwords has 999999 entries in it

The last word was %vjht008%

The number of unique words in the common password file was 999999

The first word was %opportunism%

dictionary has 305855 entries in it

The last word was %a%

The number of unique words in the dictionary was 258870

The size of rainbowTableSH1 is 1231214

The size of rainbowTableSH256 is 1231214

The size of rainbowTableMD5 is 1231214

Length of abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890!$%# is 66

Password-->MD5 --> dc647eb65e6711e155375218212b3964 the length of hashed value is 32

Passwordwhatsoever-->MD5 --> d4c0c04b6248d7977f60ca4a866dca74 the length of hashed value is 32

Passwordwhatsoever-->SHA1 --> 37e4f04ee0c4ac3b609c3c9b6c93dcdfd28ba6e3 the length of hashed value is 40

eastBound-->SHA1 --> e4ac5747cf056d80abe74354ebdde972029d24f7 the length of hashed value is 40

eSZ16041980mTesting-->SHA1 --> 84673b4be818ea273943d36c6a16d5c67d875e13 the length of hashed value is 40

eSZ16041980mTesting-->SHA256 --> 43fc514c54f4f0fb296c9477811d6d3e67be0c462ce42cfbef74da24e85c48c3 the length of hashed value is 64

UCLAearthQuake-->SHA256 --> 6d7a3bc2c3cf7891191a4375f2f4cb2226bdc82f114ba19a581e75387b3e2765 the length of hashed value is 64

ZWEZD25LNoGoodSalt-->SHA256 --> face5b3f328494ab04e9699e9b473cb5689d5075200dc20219be9855cd1d1b64 the length of hashed value is 64

New Year-->SHA-256 --> 1353c72b85cf5694303eb3a147c0eaeea353650e0c7041208d2807c2fba1f854 the length of hashed value is 64

zxcvbnm-->SHA-256 --> 1df1854015e31ca286d015345eaff29a6c6073f70984a3a746823d4cac16b075 the length of hashed value is 64

OpUoPLzxyz-->SHA-256 --> 321a72ec0a9fd315f9c6f956514461498efd7d2f57e03e32e954dc743c1a27c2 the length of hashed value is 64

OpUoPLzxyz-->SHA1 --> d1bc2576ec070d814751562e9ef99d8bd226ea15 the length of hashed value is 40

zwm6tytrustworthy-->MD5 --> b53c653da489aa25cbead64034c63afb the length of hashed value is 32

The sh1 rainbow table given key 8c8399aeaabad4ab83528c614037d148dcb02414 returns Williamsburg

Found UCLA in the common passwords file

The original string to use with the salt ourselves is UCLA