

COMP 8005

Assignment 3

Testing

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Test	Expected	Actual	Screenshot
md5	pass	pass	Test 1
sha256	pass	pass	Test 2
sha512	pass	pass	Test 3
bcrypt	pass	pass	Test 4
yescrypt	pass	fail	Test 5

Test 1

```
8005/assign3/source via 🐍 v3.13.7 (myenv_8005) took 11m17s
❯ python cracker.py shadow md5 6
[warn] scheme not available in this environment: yescrypt
[i] Using passlib schemes: sha512_crypt, sha256_crypt, md5_crypt, bcrypt, scrypt
[i] Cracking user md5
[i] Processed ~10112 passwords
[i] Processed ~20096 passwords
[i] Processed ~30080 passwords
[i] Processed ~40064 passwords
[i] Processed ~50048 passwords
[i] Processed ~60032 passwords
[i] Processed ~70016 passwords
[i] Processed ~80000 passwords
[i] Processed ~90112 passwords
[i] Processed ~100096 passwords
[i] Processed ~110080 passwords
[i] Processed ~120064 passwords
[i] Processed ~130048 passwords
[i] Processed ~140032 passwords
[i] Processed ~150016 passwords
[i] Processed ~160000 passwords
[i] Processed ~170112 passwords
[i] Processed ~180096 passwords
[i] Processed ~190080 passwords
[i] Processed ~200064 passwords
[i] Processed ~210048 passwords
[i] Processed ~220032 passwords
[i] Processed ~230016 passwords
[i] Processed ~240000 passwords
[i] Processed ~250112 passwords
Password found for md5: pwd
[i] Time: 60.19s, tried ~259634 passwords
```

Test 2

```
8005/assign3/source via 🐍 v3.13.7 (myenv_8005) took 1m1s
) python cracker.py shadow u256 6
[warn] scheme not available in this environment: yescrypt
[i] Using passlib schemes: sha512_crypt, sha256_crypt, md5_crypt, bcrypt, scrypt
[i] Cracking user u256
[i] Processed ~10112 passwords
[i] Processed ~20096 passwords
[i] Processed ~30080 passwords
[i] Processed ~40064 passwords
[i] Processed ~50048 passwords
[i] Processed ~60032 passwords
[i] Processed ~70016 passwords
[i] Processed ~80000 passwords
[i] Processed ~90112 passwords
[i] Processed ~100096 passwords
[i] Processed ~110080 passwords
[i] Processed ~120064 passwords
[i] Processed ~130048 passwords
[i] Processed ~140032 passwords
[i] Processed ~150016 passwords
[i] Processed ~160000 passwords
[i] Processed ~170112 passwords
[i] Processed ~180096 passwords
[i] Processed ~190080 passwords
[i] Processed ~200064 passwords
[i] Processed ~210048 passwords
[i] Processed ~220032 passwords
[i] Processed ~230016 passwords
[i] Processed ~240000 passwords
[i] Processed ~250112 passwords
Password found for u256: pwd
[i] Time: 262.66s, tried ~259353 passwords
```

Test 3

```
8005/assign3/source via 🐍 v3.13.7 (myenv_8005) took 4m23s
> python cracker.py shadow u512 6
[warn] scheme not available in this environment: yescrypt
[i] Using passlib schemes: sha512_crypt, sha256_crypt, md5_crypt, bcrypt, scrypt
[i] Cracking user u512
[i] Processed ~10112 passwords
[i] Processed ~20096 passwords
[i] Processed ~30080 passwords
[i] Processed ~40064 passwords
[i] Processed ~50048 passwords
[i] Processed ~60032 passwords
[i] Processed ~70016 passwords
[i] Processed ~80000 passwords
[i] Processed ~90112 passwords
[i] Processed ~100096 passwords
[i] Processed ~110080 passwords
[i] Processed ~120064 passwords
[i] Processed ~130048 passwords
[i] Processed ~140032 passwords
[i] Processed ~150016 passwords
[i] Processed ~160000 passwords
[i] Processed ~170112 passwords
[i] Processed ~180096 passwords
[i] Processed ~190080 passwords
[i] Processed ~200064 passwords
[i] Processed ~210048 passwords
[i] Processed ~220032 passwords
[i] Processed ~230016 passwords
[i] Processed ~240000 passwords
[i] Processed ~250112 passwords
Password found for u512: pwd
[i] Time: 363.97s, tried ~259407 passwords
```

Test 4

```
8005/assign3/source via 🐍 v3.13.7 (myenv_8005) took 6m5s
> python cracker.py shadow bcry 6
[warn] scheme not available in this environment: yescrypt
[i] Using passlib schemes: sha512_crypt, sha256_crypt, md5_crypt, bcrypt, scrypt
[i] Cracking user bcry
[i] Processed ~10112 passwords
[i] Processed ~20096 passwords
[i] Processed ~30080 passwords
[i] Processed ~40064 passwords
[i] Processed ~50048 passwords
[i] Processed ~60032 passwords
[i] Processed ~70016 passwords
[i] Processed ~80000 passwords
[i] Processed ~90112 passwords
[i] Processed ~100096 passwords
[i] Processed ~110080 passwords
[i] Processed ~120064 passwords
[i] Processed ~130048 passwords
[i] Processed ~140032 passwords
[i] Processed ~150016 passwords
[i] Processed ~160000 passwords
[i] Processed ~170112 passwords
[i] Processed ~180096 passwords
[i] Processed ~190080 passwords
[i] Processed ~200064 passwords
[i] Processed ~210048 passwords
[i] Processed ~220032 passwords
[i] Processed ~230016 passwords
[i] Processed ~240000 passwords
[i] Processed ~250112 passwords
Password found for bcry: pwd
[i] Time: 44.76s, tried ~259652 passwords
```

Test 5

```
> python cracker.py shadow ycry 6
[warn] scheme not available in this environment: yescrypt
[i] Using passlib schemes: sha512_crypt, sha256_crypt, md5_crypt, bcrypt
[i] Cracking user ycry (algorithm: y)
[warn] Failed to load /usr/lib/libxcrypt.so.2.0.0: /usr/lib/libxcrypt.so.2.0.0: cannot open shared object file: No such file or directory
[warn] Failed to load /usr/lib/libxcrypt.so.2: /usr/lib/libxcrypt.so.2: cannot open shared object file: No such file or directory
[i] Loaded crypt from libcrypt.so.1
[i] Set CPU affinity to all cores
fish: Job 1, 'python cracker.py shadow ycry 6' terminated by signal SIGSEGV (Address boundary error)
```