

CODE:

```
import hashlib

algo = ['md5', 'sha1', 'sha512', 'sha3_512']

message = input("Enter Plain Text: ").encode('utf-8')

for a in algo:
    func = 'crypt = hashlib.' + a + '({}).format(message) + '.hexdigest()'
    exec(func)
    print("{}: {}".format(a, crypt))
```

OUTPUT:



```
bhushan-borole:~/Desktop$ python3 css_hash.py
Enter Plain Text: bhushan
md5: cf1852c25f0fad4d1c0eb5f71e3fe5cb
sha1: 1f9760bc7f91177b00da6192a7093af6dd72e0e4
sha512: 16fe84a5a989d1988515987260a4e17769bed905c033931f1d473e163a654918cd3d0c49
cd141cdc09e2a0c5c135bc5f1d185c456ecd89421b61452ef421b289
sha3_512: 3ae29a2f9d0d06f744bb4171470bb7db425c160b083de08e479b85449147cb17e12381
1ec76a7c9443060e7333a2f25d3a7d14b3665ba9b2685d6254780ee06b
```