

## MD5 - length extension (2)

```
m = "Use HMAC, not hashes"
```

```
x = "Good advice"
```

```
h = md5()
```

```
h.update(m)
```

```
print h.hexdigest()
```

```
h =
```

```
md5(state="3ecc68efa1871751ea9b0b1a5b25004d".decode("hex"), count=512)
```

```
h.update(x)
```

```
print h.hexdigest()
```

```
print md5(m+padding(len(m)*8)+x).hexdigest()
```