

forms

January 7, 2017

```
In [1]: [x**0.5 for x in range(100) if x**2<25]
```

```
Out[1]: [0.0, 1.0, 1.4142135623730951, 1.7320508075688772, 2.0]
```

```
In [5]: L=[]
        for x in range(100):
            if x**2<25:
                L.append(x**0.5)
        L
```

```
Out[5]: [0.0, 1.0, 1.4142135623730951, 1.7320508075688772, 2.0]
```

```
In [10]: M=list(filter(lambda x: x**2 < 25, range(100)))
          L=list(map(lambda x: x**0.5, M))
          L
```

```
Out[10]: [0.0, 1.0, 1.4142135623730951, 1.7320508075688772, 2.0]
```

```
In [ ]:
```