

In [1]:

```
import numpy as np
```

In [3]:

```
M = np.eye(2)
x = np.random.rand(2)
```

In [4]:

```
for i in range(5):
    x = M.dot(x)
    print(x)
```

```
[ 0.03307861  0.04521139]
[ 0.03307861  0.04521139]
[ 0.03307861  0.04521139]
[ 0.03307861  0.04521139]
[ 0.03307861  0.04521139]
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In [ ]: