

```
EDU>> P = [.3 0 .7 0 0 0 0; .2 .6 .2 0 0 0 0; .1 .6 .3 0 0 0 0;...  
0 0 0 .3 .7 0 0; 0 0 0 .8 .2 0 0; .1 0 .3 .2 .3 .1 0;...  
.1 .2 0 .1 0 .3 .3]
```

```
P =  
0.3000    0 0.7000    0    0    0    0  
0.2000  0.6000  0.2000    0    0    0    0  
0.1000  0.6000  0.3000    0    0    0    0  
0    0    0 0.3000  0.7000    0    0  
0    0    0 0.8000  0.2000    0    0  
0.1000    0 0.3000  0.2000  0.3000  0.1000    0  
0.1000  0.2000    0 0.1000    0 0.3000  0.3000
```

```
Pa = P([7 1 4 2 5 6 3],[7 1 4 2 5 6 3])
```

```
Pa =  
0.3000  0.1000  0.1000  0.2000    0 0.3000    0  
0 0.3000    0    0    0    0 0.7000  
0    0 0.3000    0 0.7000    0    0  
0 0.2000    0 0.6000    0    0 0.2000  
0    0 0.8000    0 0.2000    0    0  
0 0.1000  0.2000    0 0.3000  0.1000  0.3000  
0 0.1000    0 0.6000    0    0 0.3000
```

```
P =  
0.3000    0 0.7000    0    0    0    0  
0.2000  0.6000  0.2000    0    0    0    0  
0.1000  0.6000  0.3000    0    0    0    0  
0    0    0 0.3000  0.7000    0    0  
0    0    0 0.8000  0.2000    0    0  
0.1000    0 0.3000  0.2000  0.3000  0.1000    0  
0.1000  0.2000    0 0.1000    0 0.3000  0.3000
```

```
??? P =
```

```
|
```

```
Error: Expected a variable, function, or constant, found "end of line".
```

```
EDU>> Pb = Pa([2 4 7 3 5 6 1],[2 4 7 3 5 6 1])
```

```
Pb =  
0.3000    0 0.7000    0    0    0    0  
0.2000  0.6000  0.2000    0    0    0    0  
0.1000  0.6000  0.3000    0    0    0    0  
0    0    0 0.3000  0.7000    0    0  
0    0    0 0.8000  0.2000    0    0  
0.1000    0 0.3000  0.2000  0.3000  0.1000    0  
0.1000  0.2000    0 0.1000    0 0.3000  0.3000
```

```
EDU>> Plim = P^20
```

```
Plim =  
0.1860  0.4884  0.3256    0    0    0    0  
0.1860  0.4884  0.3256    0    0    0    0
```

0.1860	0.4884	0.3256	0	0	0	0
0	0	0	0.5333	0.4667	0	0
0	0	0	0.5333	0.4667	0	0
0.0827	0.2171	0.1447	0.2963	0.2593	0.0000	0
0.1152	0.3023	0.2016	0.2032	0.1778	0.0000	0.0000

EDU>> Palim = Pa^20

Palim =

0.0000	0.1152	0.2032	0.3023	0.1778	0.0000	0.2016
0	0.1860	0	0.4884	0	0	0.3256
0	0	0.5333	0	0.4667	0	0
0	0.1860	0	0.4884	0	0	0.3256
0	0	0.5333	0	0.4667	0	0
0	0.0827	0.2963	0.2171	0.2593	0.0000	0.1447
0	0.1860	0	0.4884	0	0	0.3256

EDU>>