

1.

```
>> exponent(4)
```

```
ans =
```

1.0000	1.0000	1.0000	1.0000
1.0000	2.7183	2.7183	2.7183
1.0000	2.7183	2.7183	2.7183
1.0000	2.7183	2.7183	2.7183

2.

```
>> pi_4(4)
```

```
ans =
```

0.7071	0.0000	-0.7071	-1.0000
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3.

```
>> matret(3)
```

```
ans =
```

1	1	1
2	2	2
3	3	3

4.

```
>> sin_A(3)
```

```
ans =
```

0.8415	0.4794	0.3272
0.4794	0.3272	0.2474
0.3272	0.2474	0.1987