

Data Types

```
clear  
clc
```

```
a = 1.5
```

```
a = 1.5000
```

```
1/7
```

```
ans = 0.1429
```

```
format long  
1/7
```

```
ans =  
0.142857142857143
```

```
format short  
1/7
```

```
ans = 0.1429
```

```
x = 3.2 + 4.5i
```

```
x = 3.2000 + 4.5000i
```

```
exp(x)
```

```
ans = -5.1714 - 23.9813i
```

```
d(1) = true
```

```
d = logical  
1
```

```
d(2) = false
```

```
d = 1x2 logical array  
1 0
```

```
k = 1;  
str = ['test_', num2str(k)]
```

```
str =  
'test_1'
```

whos

Name	Size	Bytes	Class	Attributes
a	1x1	8	double	
ans	1x1	16	double	complex
d	1x2	2	logical	
k	1x1	8	double	
str	1x6	12	char	
x	1x1	16	double	complex