

## Programming in MATLAB

### **Input and fprintf**

```
fx>> x=input('please enter a number :')
please enter a number : 100
x =
100
```

```
fx >> fprintf('%d',x)
100>>
fx >>
```

### **fprintf('format', x,...)**

#### **Format Code Description**

- %d integer format
- %f Decimal format

#### **Control code Description**

- \n Start new line
- \t Tab

### **Text string,error message**

- Text string are entered into matlab surrounded by single quotes

```
fx>> s='this is a text'
```

- Text string can be displayed with

```
fx>> disp('this is message')
```

- Error message are best display with

```
fx>> error('sorry, this is error')
```