Using Functions

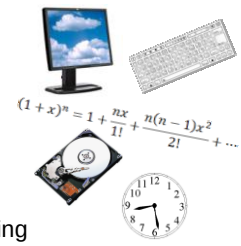
Chapter 8

For Next Time

- Read Chapter 8

C/C++ Library

- Input/output
- Mathematics
- Text processing
- File management
- Data management
- Time and Date
- Systems programming
- . . .



Function Call

```
sqrt(16.0)
```

Multiple Arguments

```
max(4,7)
```

Some Math Functions

`sqrt(x)`	$\sqrt{x}$
`pow(x,y)`	x^y
`log(x)`	$\ln x$
`log10(x)`	$\log x$
`cos(x)`	$\cos x$
`sin(x)`	$\sin x$
`tan(x)`	$\tan x$

Some Character Functions

- `toupper`
- `tolower`
- `isupper`
- `islower`
- `isalpha`
- `isdigit`

Pseudorandom Numbers

- `rand()`
- `srand()`

Next . . .

Writing functions