Announcements

- Midterm #2 on Wednesday (March 14)
- No class on Friday
Passing Values to Function

- Mechanism used to pass values to function is called pass-by-value
- Parameters – variables in the function that receive data
  - There are normal variables
- Arguments – values you pass to a function
- **Example**: PassingValues.html
- Does it matter how we name the parameters?
Functions Returning Values

- A function can return a value via the return statement
  
  ```
  return expression;
  ```

- A call to a function that returns a value can be used as an expression

- **Example:** (See FunctionReturn.html)

- The function execution terminates when a return statement is executed

- A return statement with no return value terminates the function execution

- Can we return more than one value?
Scope of Variables

- Variables declared in a function are called local variables.
- They are created on entry to the function and destroyed on exit.
- You can use the same name in different functions as they are different variables.
- Variables declared outside of a function are called global variables.
Generation of Random Values

- Example: RandomValues.html