Lambda Functions

- It is possible to create anonymous (nameless) functions in Python

def example(x):
  return lambda y: y + x # returns a function with 1 parameter

e = example(10) # e returns lambda(y): y + 10
print(e(20), e(30)) # prints 30 40

- The above *lambda* uses the *x* from the *example* parameter list to set up an anonymous function that:

  - takes in a value *y*,

  - adds *x* to it, and then

  - returns the sum of *x* and *y*