Lambda function is also call anonymous function

* Structure:

lambda <input arguments> : <output>

this is the same as….

def function(<input arguments>):

return <output>

* Example:

a = lambda x: 2\*x

print(a(2))

>> 4

Example:

def build\_quadratic\_function(a,b,c):

return lambda x: a\*x\*\*2 + b\*x + c

temp = build\_quadratic\_function(1,2,3)

print(temp(2))

>> 9 (1\*2^2 + 2\*2 + 3)

print(build\_quadratic\_function(5,2,1)(2))

>> 25 (5\*2^2 + 2\*2 +1)