Introduction to Artificial Intelligence with Python

Lambda Function

Lambda Function

A small anonymous function.

```
# A squaring lambda function
square = lambda n : n*n
num = square(5)
print num
```

```
myList = [10, 25, 17, 9, 30, -5]
# Double the value of each element
myList2 = map(lambda n : n*2, myList)
print myList2
```

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```

```
myList = [10, 25, 17, 9, 30, -5]
# Filters the elements which are not m
ultiples of 5
myList2 = filter(lambda n : n%5 == 0,
                         myList)
print myList2
```

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