

Typical Use of Lambdas

For each item in the data:
Apply the lambda function first
Then do the sort or min or max

- ◆ With **sorted()**, **min()**, **max()**

```
sorted(data, key=lambda x: expr)
```

```
min(data, key=lambda x: expr)
```

```
max(data, key=lambda x: expr)
```

An implicit map(lambda, data)

Examples

```
>>> raw
```

```
[(1000, 883), (1500, 1242), (1500, 1217), (1600,  
1306), (1750, 1534), (2000, 1805)]
```

```
>>> list(sorted(raw, key=lambda item: item[1]))
```

```
[(1000, 883), (1500, 1217), (1500, 1242), (1600,  
1306), (1750, 1534), (2000, 1805)]
```

```
>>> max(raw, key=lambda item: item[1])
```

```
(2000, 1805)
```

```
>>> min(raw, key=lambda item: item[1])
```

```
(1000, 883)
```