

MAP

RDD: x

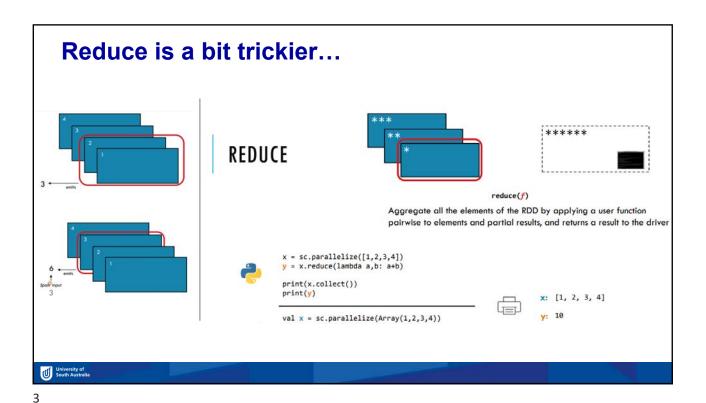
RDD: y

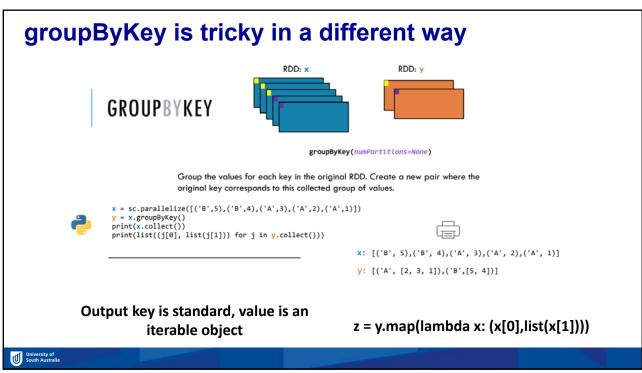
map(f, preservesPartitioning=False)

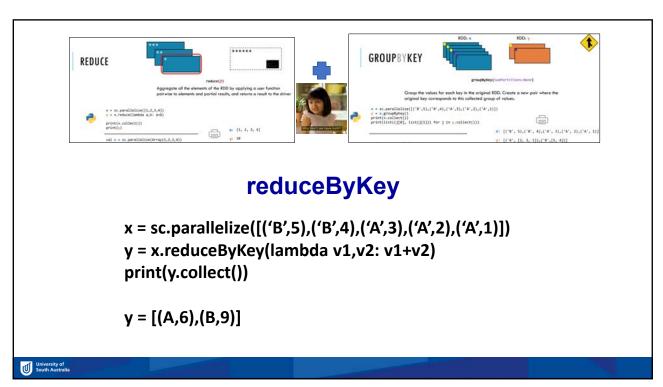
Return a new RDD by applying a function to each element of this RDD

x = sc.parallelize(["b", "a", "c"])
y = x.map(lambda z: (z, 1))
print(x.collect())
print(y.collect())

x: ['b', 'a', 'c']
y: [('b', 1), ('a', 1), ('c', 1)]







5

Some useful transformations are not included in the databricks resource. For example:

## sortBy



x = sc.parallelize([('B',5),(1,4),('A',3),(5,2),(4,1)])

y = x.sortBy(lambda x: x[0]) print(y.collect()) y = [(1,4),(4,1),(5,2),('A',3),('B',5)]

z = x.sortBy(lambda x: x[1]) print(z.collect()) Z = [(4,1),(5,2),('A',3),(1,4),('B',5)]

A final note on PySpark...

University of South Australia

6

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