```
In [ ]:
```

```python
#Ejercicio B
filtroRecetas = recetasRDD.filter(lambda x: x[2] == "comidas mediterraneas").map(lambda x: (x[0], x[1]))
```

```
In [ ]:
```

```python
filtroIngredientes = ingredientesRDD.filter(lambda x: (x[1] == "papa" or x[1] == "pollo"))\
.map(lambda x: (x[0], x[1]))
```

```
In [ ]:
```

```python
resultadoB = filtroRecetas.leftOuterJoin(filtroIngredientes)
```

```
In [ ]:
```

```python
resultadoB.filter(lambda x: (x[1][1]) == None).map(lambda x: (x[1][0])).collect()
```

```
In [ ]:
```

```python
#Ejercicio A
recetasUsanPollo = ingredientesRDD.filter(lambda x: (x[1] == "pollo")).map(lambda x: (x[0], x[1]))
```

```
In [ ]:
```

```python
recetasSinPollo = ingredientesRDD.filter(lambda x: (x[1] != "pollo")).map(lambda x: (x[0], x[1]))
```

```
In [ ]:
```

```python
resultadoA = recetasSinPollo.join(recetasUsanPollo).map(lambda x: ((x[1][0], 1)))
```

```
In [ ]:
```

```python
resultadoA.reduceByKey(lambda x,y: x + y).collect()
```