Quiz 13 – **Solution** (Morning)

```
rdd1 = sc.parallelize([("david", 35), ("john", 25), ("mary", 45)])
rdd2 = sc.parallelize([("david", 5), ("david", 4), ("mary", 5), ("john", 4), ("mary", 3)])
```

1. [3 points] Find names of people whose ages are less than 30.

```
rdd1.filter(lambda x: x[1] < 30).map(lambda x: x[0]).collect()
```

2. [3 points] Find names of people whose ages are **greater** than 30 and received a rating of 4 or above.

```
R1 = rdd1.filter(lambda x: x[1] > 30)
R2 = rdd2.filter(lambda x: x[1] >= 4)
R1.join(R2).map(lambda x: x[0]).distinct().collect()
```

3. [4 points] Find, for each person, his/her average rating.