

b) Which pickup location generates the most revenue?

```
from mrjob.job import MRJob
from mrjob.step import MRStep

class LocationRevenue(MRJob):

    def steps(self):
        return [
            MRStep(mapper=self.mapper, reducer=self.reducer),
            MRStep(reducer=self.get_most_revenue)
        ]

    def mapper(self, _, line):
        # Skip the header line from the input data file
        if not line.startswith('VendorID'):
            fields = line.split(',')
            pickup_location = fields[7]
            revenue = float(fields[16])
            yield pickup_location, revenue

    def reducer(self, pickup_location, revenues):
        yield None, (sum(revenues), pickup_location)

    def get_most_revenue(self, _, max_revenues):
        max_revenue, pickup_location = max(max_revenues)
        yield pickup_location, max_revenue

if __name__ == '__main__':
    LocationRevenue.run()
```