

```
# Johnny Uriarte date of birth = 05/27/1996
```

```
from mrjob.job import MRJob  
import re
```

```
WORD_RE = re.compile(r"[\w']+")
```

```
class MRWordFreqCount(MRJob):
```

```
    def mapper(self, _, line):  
        for word in WORD_RE.findall(line):  
            yield word.lower(), 1
```

```
    def combiner(self, word, counts):  
        yield word, sum(counts)
```

```
    def reducer(self, word, counts):  
        yield word, sum(counts)
```

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