

**Program:**

```
from mrjob.job import MRJob

class MRAlphabetCount(MRJob):
    def mapper(self, _, line):
        line = line.lower()
        for char in line:
            if char.isalpha():
                yield char, 1

    def reducer(self, key, values):
        yield key, sum(values)

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

**input.txt**

Hello World! Welcome to MapReduce Example.

**Output:**

Run the file: *python alphabet\_count.py input.txt*

"a"	2
"c"	2
"d"	1
"e"	5
"h"	1
"l"	5
"m"	2
"o"	4
"p"	2
"r"	2
"t"	1
"w"	2
"x"	1