

OUTPUT SCREENSHOTS FOR THE CODE PROVIDED :

Input file contains two words "Hello World"

```
input_file = "input.txt"
num_partitions = 2
chunk_size = 1

run_map_reduce(input_file, num_partitions, chunk_size)
```

Output:

```
Word count: {'hello': 1, 'world': 1}
```

Input file contains four words "Hello World World Hello"

```
input_file = "input.txt"
num_partitions = 2
chunk_size = 2

run_map_reduce(input_file, num_partitions, chunk_size)
```

Output:

```
Word count: {'hello': 2, 'world': 2}
```