

```
zhou@ubuntu:~/Desktop$ g++ sort.cpp -o sort
```

```
zhou@ubuntu:~/Desktop$ ./sort
```

```
=====MergeSort=====
```

```
array size | time(us)
```

```
100        4.6
```

```
200        6.3
```

```
300        8.2
```

```
400        9.8
```

```
500       11.6
```

```
600       13.4
```

```
700       15.2
```

```
800        17
```

```
900       18.6
```

```
1000      20.3
```

```
=====QuickSort=====
```

```
array size | time
```

```
100        4.7
```

```
200        6.3
```

```
300         8
```

```
400        9.6
```

```
500       11.2
```

```
600       12.9
```

```
700       14.5
```

```
800       16.2
```

```
900       17.8
```

```
1000      19.5
```

```
zhou@ubuntu:~/Desktop$
```