

Lab 7 Assignment

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1 Test Cases :

1.1 case 1:

- output:

```
[a19hu a19hu-hppavilionlaptop15eh2xxx] - [~/course/Operating_system_lab/Lab7] - [Mon Oct 28, 22:46]
[$] <git:(main*)> ./sender
Enter a string: The quick brown fox jumps over the lazy dog
[a19hu a19hu-hppavilionlaptop15eh2xxx] - [~/course/Operating_system_lab/Lab7] - [Mon Oct 28, 22:47]
[$] <git:(main*)> ./Receiver
Enter sorting order (ascending/descending): jumps
Largest Word: "jumps"
Words sorted by length (Ascending): The dog fox the lazy over brown jumps quick
```

1.2 case 2:

- output:

```
[a19hu a19hu-hppavilionlaptop15eh2xxx] - [~/course/Operating_system_lab/Lab7] - [Mon Oct 28, 22:47]
[$] <git:(main*)> ./sender
Enter a string: Hello world this is a shared memory example
[a19hu a19hu-hppavilionlaptop15eh2xxx] - [~/course/Operating_system_lab/Lab7] - [Mon Oct 28, 22:47]
[$] <git:(main*)> ./Receiver
Enter sorting order (ascending/descending): example
Largest Word: "example"
Words sorted by length (Ascending): a is this Hello world memory shared example
```

1.3 case 3:

- output:

```
[a19hu a19hu-hppavilionlaptop15eh2xxx] - [~/course/Operating_system_lab/Lab7] - [Mon Oct 28, 22:48]
[$] <git:(main*)> ./sender
Enter a string: c programming is fun
[a19hu a19hu-hppavilionlaptop15eh2xxx] - [~/course/Operating_system_lab/Lab7] - [Mon Oct 28, 22:49]
[$] <git:(main*)> ./Receiver
Enter sorting order (ascending/descending): programming
Largest Word: "programming"
Words sorted by length (Ascending): c is fun programming
```