

TCP FILE TRANSFER

INTRODUCTION

In this lab, we are sending a file from Server to Client. First the server takes the file as input, converts it to an array. The sent and received file sizes are checked to ensure that the file has been transferred properly.

Here, we have used a localhost for sharing.

Compiling and executing the server code:

```
(base) avanipatlolla@Avanis-MacBook-Air tcp final lab % javac fileserver.java
(base) avanipatlolla@Avanis-MacBook-Air tcp final lab % java fileserver
File sent succesfully!
```

Compiling and executing the client code:

```
(base) avanipatlolla@Avanis-MacBook-Air tcp final lab % javac FileClient.java
(base) avanipatlolla@Avanis-MacBook-Air tcp final lab % java FileClient
File saved successfully!
(base) avanipatlolla@Avanis-MacBook-Air tcp final lab % █
```