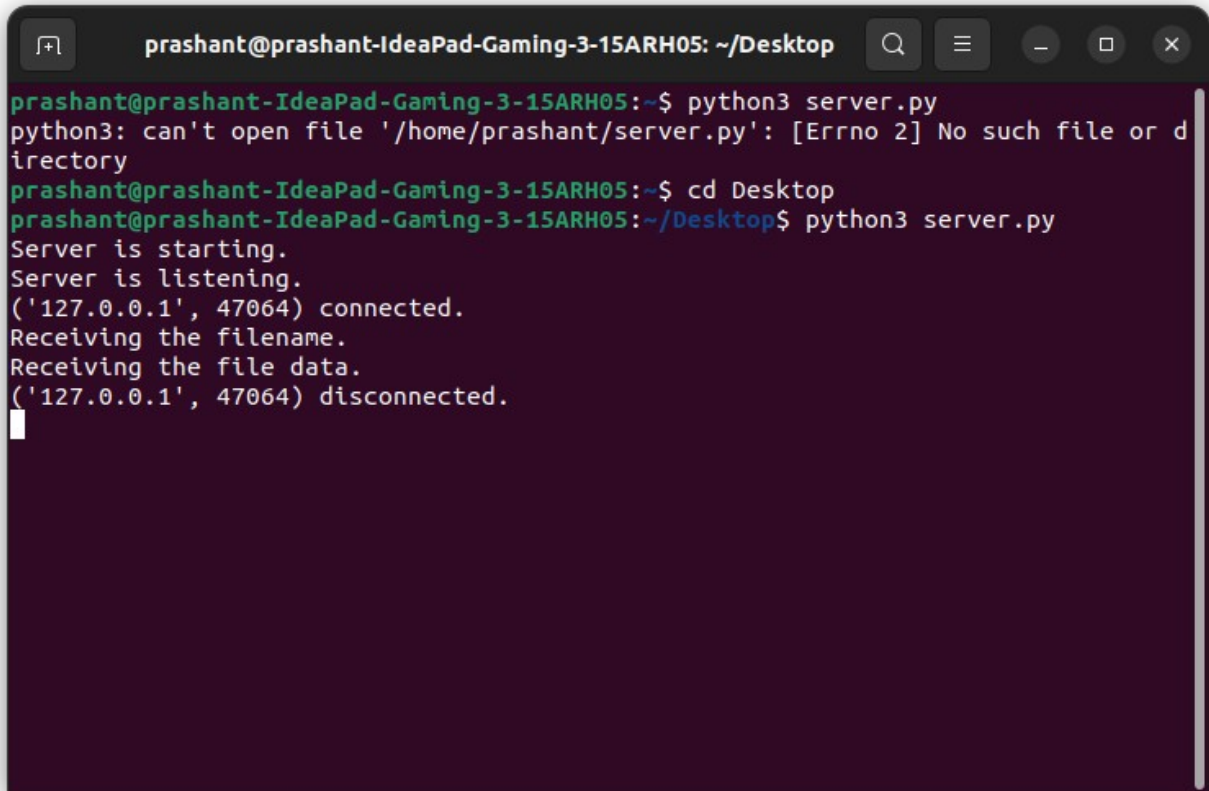


COMPUTER NETWORKS

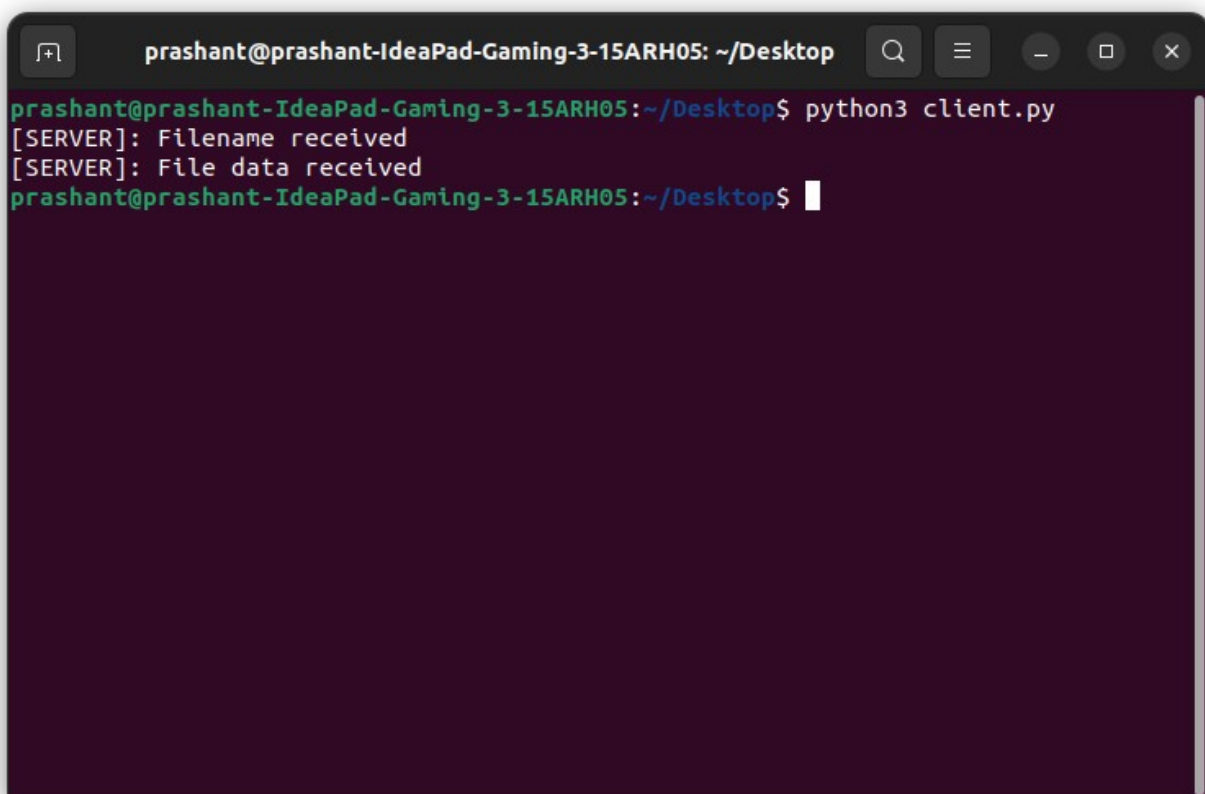
Output:

Server Side

A terminal window titled 'prashant@prashant-IdeaPad-Gaming-3-15ARH05: ~/Desktop' with standard window controls. The terminal shows the execution of a Python server script. It starts with an error about a missing file in the home directory, then successfully runs on the Desktop. It logs the start, listening, a connection from 127.0.0.1, receiving filename and data, and finally the disconnection.

```
prashant@prashant-IdeaPad-Gaming-3-15ARH05:~$ python3 server.py
python3: can't open file '/home/prashant/server.py': [Errno 2] No such file or directory
prashant@prashant-IdeaPad-Gaming-3-15ARH05:~$ cd Desktop
prashant@prashant-IdeaPad-Gaming-3-15ARH05:~/Desktop$ python3 server.py
Server is starting.
Server is listening.
('127.0.0.1', 47064) connected.
Receiving the filename.
Receiving the file data.
('127.0.0.1', 47064) disconnected.
```

Client Side

A terminal window titled 'prashant@prashant-IdeaPad-Gaming-3-15ARH05: ~/Desktop' with standard window controls. The terminal shows the execution of a Python client script, which receives two messages from the server: 'Filename received' and 'File data received'.

```
prashant@prashant-IdeaPad-Gaming-3-15ARH05:~/Desktop$ python3 client.py
[SERVER]: Filename received
[SERVER]: File data received
prashant@prashant-IdeaPad-Gaming-3-15ARH05:~/Desktop$
```