

APP-CT-2-Lab

Name: Rahul Goel

Reg no: RA1911030010094

Batch: CSE-O2

Client Code :

```
import socket

def client_program():
    host = socket.gethostname()
    port = 5000
    client_socket = socket.socket()
    client_socket.connect((host, port))
    while True:
        data = client_socket.recv(1024).decode()
        print('Received from server: ' + data)
        break;
    client_socket.close()

if __name__ == '__main__':
    client_program()
```

Server Code :

```
import socket

def server_program():
    host = socket.gethostname()
    port = 5000
    server_socket = socket.socket()
    server_socket.bind((host, port))
    server_socket.listen(2)
    conn, address = server_socket.accept()
    print("Connection from: " + str(address))
    while True:
        conn.send("Hello this is Rahul".encode())
        break;
    conn.close()

if __name__ == '__main__':
    server_program()
```

localhost:8888/notebooks/server.ipynb

jupyter server Last Checkpoint: 27 minutes ago (autosaved)

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```
In [8]: import socket

def server_program():
    host = socket.gethostname()
    port = 5000
    server_socket = socket.socket()
    server_socket.bind((host, port))
    server_socket.listen(2)
    conn, address = server_socket.accept()
    print("Connection from: " + str(address))
    while True:
        conn.send("Hello this is Rahul ".encode())
        break;
    conn.close()

if __name__ == '__main__':
    server_program()

Connection from: ('192.168.1.7', 62325)
```

In []:

localhost:8888/notebooks/client.ipynb

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```
In [6]: import socket

def client_program():
    host = socket.gethostname()
    port = 5000
    client_socket = socket.socket()
    client_socket.connect((host, port))
    while True:
        data = client_socket.recv(1024).decode()
        print('Received from server: ' + data)
        break;
    client_socket.close()

if __name__ == '__main__':
    client_program()

Received from server: Hello this is Rahul
```

In []:

In []:

