Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

**13**

LIST OF TASKS

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| TASK NO | OBJECTIVE |
| 1 | **Make a Interprocess communication with client server, information about strong programing language must be discussed over the network.** |
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Submitted On:

**Task # 01: Make a Interprocess communication with client server, information about strong programmIng language must be discussed over the network.**

**Solution:**

**Server:**

import socket

TCP\_IP = '127.0.0.1'

TCP\_PORT = 5005

BUFFER\_SIZE = 1024

s = socket.socket(socket.AF\_INET, socket.SOCK\_STREAM)

s.bind((TCP\_IP, TCP\_PORT))

s.listen(1)

conn, addr = s.accept()

print 'Connection address:', addr

while 1:

data = conn.recv(BUFFER\_SIZE)

if not data : break

print "received data:", data

conn.send("Strong programming languages: Python, Java, C++") # Send information about strong programming languages

conn.close()

**Client:**

import socket

TCP\_IP = '127.0.0.1'

TCP\_PORT = 5005

BUFFER\_SIZE = 1024

s = socket.socket(socket.AF\_INET, socket.SOCK\_STREAM)

s.connect((TCP\_IP, TCP\_PORT))

s.send("What are some strong programming languages?")

data = s.recv(BUFFER\_SIZE)

s.close()

print "Data Received At Client End:", data

Output:

