server-socket.py

```python
import socket

s = socket.socket()
print("Socket Successfully Created")

port=12164

s.bind(('', port))
print("Socket binded to %s"%{port})

s.listen(5)
print("Socket is listening")

while True:
    c, addr = s.accept()
    print('Got connection from', addr)

    c.send('Thank you for connecting'.encode())
    c.close()

    break
```

client-socket.py

```python
import socket

s = socket.socket()
port = 12164

s.bind(('', port))

s.listen(5)
print('Socket is listening')

c, addr = s.accept()
print('Got connection from', addr)

c.send('Thank you for connecting'.encode())
c.close()
```

+ Output:

```
Microsoft Windows [Version 10.0.19045.4894]
(c) Microsoft Corporation. All rights reserved.

D:\Aissms\T.Y\Network Laboratory\Exp 6>python server-socket.py
Socket Successfully Created
Socket binded to {12164}
Socket is listening
```

```
Microsoft Windows [Version 10.0.19045.4894]
(c) Microsoft Corporation. All rights reserved.

D:\Aissms\T.Y\Network Laboratory\Exp 6>telnet localhost 12164
Connecting To localhost...
```

```
Microsoft Windows [Version 10.0.19045.4894]
(c) Microsoft Corporation. All rights reserved.

D:\Aissms\T.Y\Network Laboratory\Exp 6>python server-socket.py
Socket Successfully Created
Socket binded to {12164}
Socket is listening
Got connection from ('127.0.0.1', 49565)

D:\Aissms\T.Y\Network Laboratory\Exp 6>
```

```
Thank you for connecting

Connection to host lost.

D:\Aissms\T.Y\Network Laboratory\Exp 6>
```