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Date: 8/3/22

WAP to create a client server architecture.

```
import socket as soc
```

```
s = soc.socket()
```

```
print("Socket is generated")
```

```
s.bind(("localhost",4444))
```

```
s.listen()
```

```
print("Waiting for connection")
```

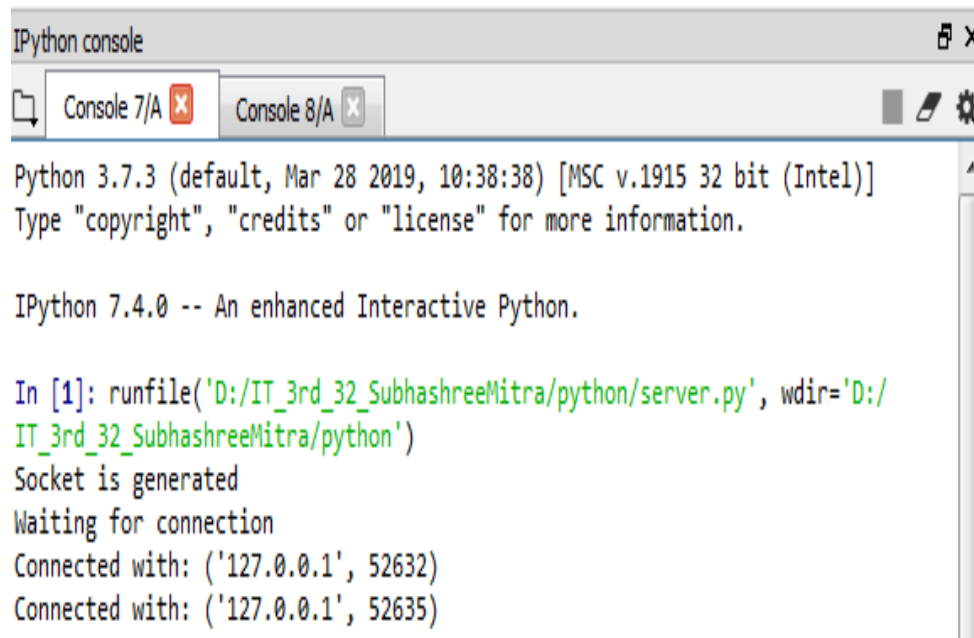
```
while True:
```

```
    conn, addr = s.accept()
```

```
    print("Connected with:", addr)
```

```
    conn.send(bytes("Welcome!","utf-8"))
```

Output:



```
IPython console
Python 3.7.3 (default, Mar 28 2019, 10:38:38) [MSC v.1915 32 bit (Intel)]
Type "copyright", "credits" or "license" for more information.

IPython 7.4.0 -- An enhanced Interactive Python.

In [1]: runfile('D:/IT_3rd_32_SubhashreeMitra/python/server.py', wdir='D:/
IT_3rd_32_SubhashreeMitra/python')
Socket is generated
Waiting for connection
Connected with: ('127.0.0.1', 52632)
Connected with: ('127.0.0.1', 52635)
```

```
import socket as soc
```

```
c = soc.socket()
```

```
c.connect(("localhost", 4444))
```

```
print(c.recv(1024).decode())
```

Output:

```
runfile('D:/IT_3rd_32_SubhashreeMitra/python/client.py',  
wdir='D:/IT_3rd_32_SubhashreeMitra/python')
```

Welcome!