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EXPERIMENT N0-8

WRITE A PYTHON PROGRAM TO CREATE SOCKETS FOR INFORMATION EXCHANGE BETWEEN CLIENT AND SERVER

SOURCE CODE:-

SERVER :

```
import socket
s=socket.socket()
host = 'localhost'
port = 12345
s.bind((host,port))
s.listen(5)
c, addr = s.accept()
print('Got connection from',addr)
c.send(b'Hello, How are you? \nsuccessfully received')
msg='Bye!'
c.send(msg.encode())
c.close()
```

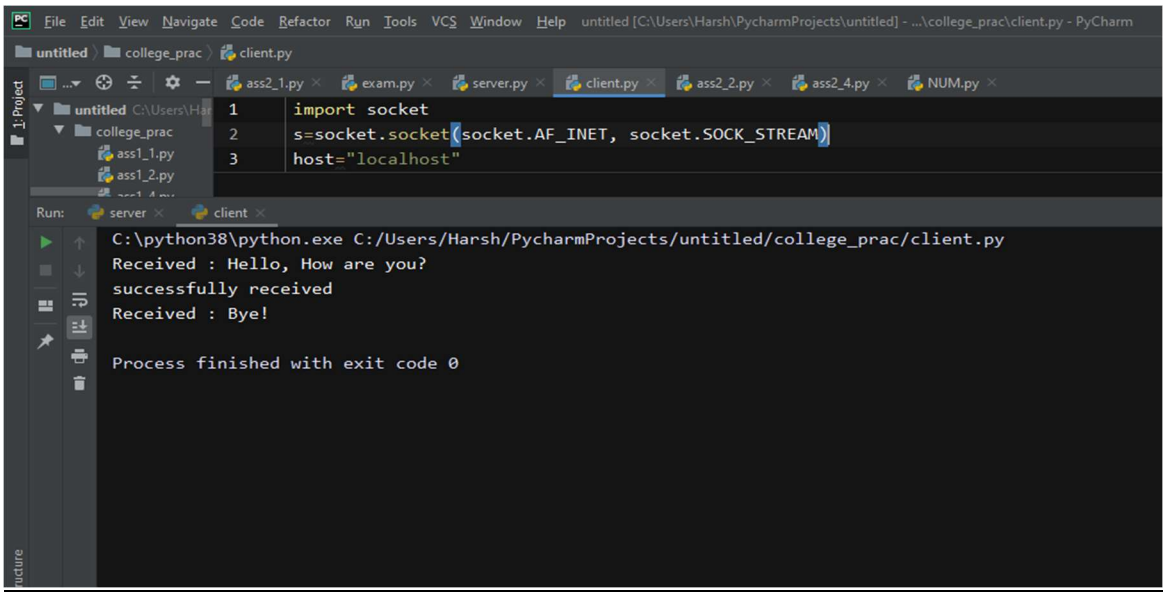
CLIENT:

```
import socket
s=socket.socket(socket.AF_INET, socket.SOCK_STREAM)
host="localhost"
port=12345
s.connect((host,port))
msg=s.recv(1024)
```

```
while msg:
    print("Received : " + msg.decode())
    msg=s.recv(1024)
s.close()
```

OUTPUT:

CLIENT:



SERVER: