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IBM19CS403

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Sec 'A' - A3 babbh

TCP

Client Programm

```
from socket import *
```

```
ServerName = "127.0.0.1"
```

```
ServerPort = 12000
```

```
ClientSocket = socket(AF_INET, SOCK_STREAM)
```

```
ClientSocket.connect(ServerName, ServerPort)
```

```
Sentence = input("Enter file name")
```

```
ClientSocket.send(Sentence.encode())
```

```
filecontents = ClientSocket.recv(1024).decode()
```

```
print('From Server:', filecontents)
```

```
ClientSocket.close()
```

Server Programm

```
from socket import *
```

```
ServerName = "127.0.0.1"
```

```
ServerPort = 12000
```

```
ServerSocket = socket(AF_INET, SOCK_STREAM)
```

```
ServerSocket.bind(ServerName, ServerPort)
```

```
ServerSocket.listen(1)
```

```
Print ("The Server is ready to receive")
```

①

chf

while 1:

```
connectionSocket, address = serverSocket.accept()
sentence = connectionSocket.recv(1024).decode()
file = open(sentence, "r")
| = file.read(1024)
connectionSocket.send(|.encode())
file.close()
connectionSocket.close()
```