

Data Networking

Project:1

Unique Flag:

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Source Code:

```
from socket import *
import math
```

```
clientSocket = socket(AF_INET, SOCK_STREAM)
clientSocket.connect(("localhost",8888))
print clientSocket.recv(1024)
clientSocket.send("HELLO pipaliya.b\n")
```

```
while True:
```

```
    s = clientSocket.recv(2048)
    print(s)
    if s[0] == "D" and s[1] == "O" :
        break
```

```
    stringsplit = s.split(" ")
```

```
    x = int(stringsplit[1])
    y = int(stringsplit[3])
```

```
    if s[7] == "*" or s[9] == "*" or s[8] == "*":
        answer = x * y
        clientSocket.send("ANSWER" + " " + str(answer) + "\n")
```

```
    if s[7] == "+" or s[9] == "+" or s[8] == "+":
        answer = x + y
        clientSocket.send("ANSWER" + " " + str(answer) + "\n")
```

```
if s[7] == "-" or s[9] == "-" or s[8] == "-":
    answer = x - y
    clientSocket.send("ANSWER" + " " + str(answer) + "\n")

if s[7] == "/" or s[9] == "/" or s[8] == "/":
    answer = x / y
    clientSocket.send("ANSWER" + " " + str(answer) + "\n")
```