

```
Windows PowerShell
PS E:\DS_Practicals\_4_Berkeley\one> python server.py
Server started, waiting for clients...
Received raw data from client: 2025-02-27 13:29:18.991347
Parsed client time: 2025-02-27 13:29:18.991347
Received raw data from client: 2025-02-27 13:29:23.469870
Parsed client time: 2025-02-27 13:29:23.469870
Received raw data from client: 2025-02-27 13:29:30.148917
Parsed client time: 2025-02-27 13:29:30.148917
-----
Current Server Time: 2025-02-27 13:29:30.149495
-----
Client Time Differences: ['0:00:11.158349', '0:00:06.679836', '0:00:00.000791']
Average Offset: 0:00:05.946325
-----
Sent synchronized time: 2025-02-27 13:29:36.095820
Sent synchronized time: 2025-02-27 13:29:36.095820
Sent synchronized time: 2025-02-27 13:29:36.095820
PS E:\DS_Practicals\_4_Berkeley\one> |
```

```
Windows PowerShell
PS E:\DS_Practicals\_4_Berkeley\one> python client.py
Sending local time: 2025-02-27 13:29:18.991347
Synchronized Time Received: 2025-02-27 13:29:36.095820
PS E:\DS_Practicals\_4_Berkeley\one>
```

```
Windows PowerShell
PS E:\DS_Practicals\_4_Berkeley\one> python client.py
Sending local time: 2025-02-27 13:29:23.469870
Synchronized Time Received: 2025-02-27 13:29:36.095820
PS E:\DS_Practicals\_4_Berkeley\one>
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Sending local time: 2025-02-27 13:29:30.148917
Synchronized Time Received: 2025-02-27 13:29:36.095820
PS E:\DS_Practicals\_4_Berkeley\one>
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