

דוגמת קלט ופלט:

להלן דוגמה מפורטת לתהליך שימוש במערכת הצ'אט, כולל התחברות, שליחת הודעות, והתנתקות:

הרצת השרת:

- הפעלת השרת: `python server.py`

```
C:\Users\User\Desktop\server and client>python server.py
Server started on 127.0.0.1:12345
Waiting for connections...
```

- פלט:

Server started on 127.0.0.1:12345

...Waiting for connections

```
C:\Users\User\Desktop\server and client>python server.py
Server started on 127.0.0.1:12345
Waiting for connections...
```

חיבור לקוח ראשון:

- הפעלת הלקוח: `python client.py`

```
C:\Users\User\Desktop\server and client>python client.py
```

- קלט בצד הלקוח: Enter your username

```
C:\Users\User\Desktop\server and client>python client.py
Enter your username:
bat-el
```

- פלט בצד הלקוח: .Welcome, bat-el! Type 'exit' to leave

```
C:\Users\User\Desktop\server and client>python client.py
Enter your username:
bat-el
Welcome, bat-el! Type 'exit' to leave.
```

- פלט בצד השרת: (62521, '127.0.0.1') bat-el connected from

```
C:\Users\User\Desktop\server and client>python server.py
Server started on 127.0.0.1:12345
Waiting for connections...
bat-el connected from ('127.0.0.1', 62521)
```

חיבור לקוח שני:

- הפעלת לקוח נוסף: `python client.py`

```
C:\Users\User\Desktop\server and client>python client.py
```

- קלט בצד הלקוח השני: `Enter your username`

```
C:\Users\User\Desktop\server and client>python client.py
Enter your username:
daniela
```

- פלט בצד הלקוח השני: `.Welcome, daniela! Type 'exit' to leave`

```
C:\Users\User\Desktop\server and client>python client.py
Enter your username:
daniela
Welcome, daniela! Type 'exit' to leave.
```

- פלט בצד השרת: `(62706, '127.0.0.1') daniela connected from`

```
C:\Users\User\Desktop\server and client>python server.py
Server started on 127.0.0.1:12345
Waiting for connections...
bat-el connected from ('127.0.0.1', 62521)
daniela connected from ('127.0.0.1', 62706)
```

שליחת הודעה:

- bat-el שולחת הודעה:
קלט בצד הלקוח bat-el

```
C:\Users\User\Desktop\server and client>python client.py
Enter your username:
bat-el
Welcome, bat-el! Type 'exit' to leave.

daniela has joined the chat.
hii daniela
```

- פלט בצד הלקוח daniela

```
C:\Users\User\Desktop\server and client>python client.py
Enter your username:
daniela
Welcome, daniela! Type 'exit' to leave.

bat-el: hii daniela
```