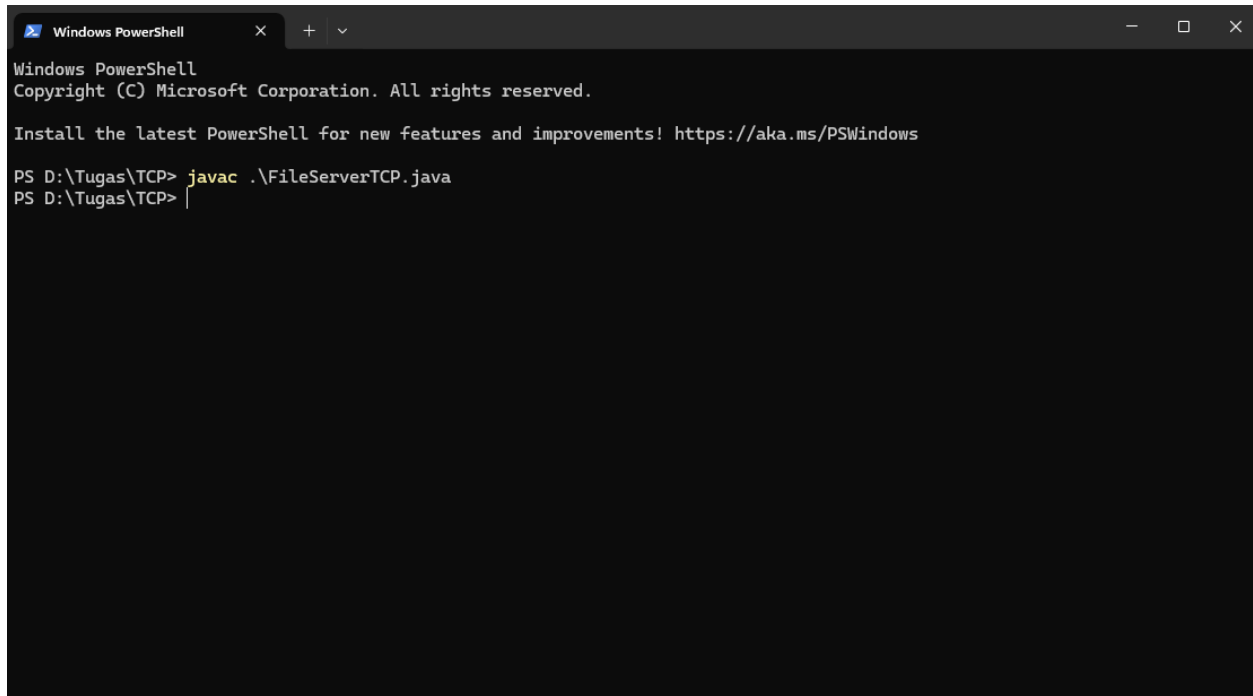


PROGRAM STREAM DATA (TCP)

1. COMPILE PROGRAM FileServerTCP.java berjalan tanpa ada error

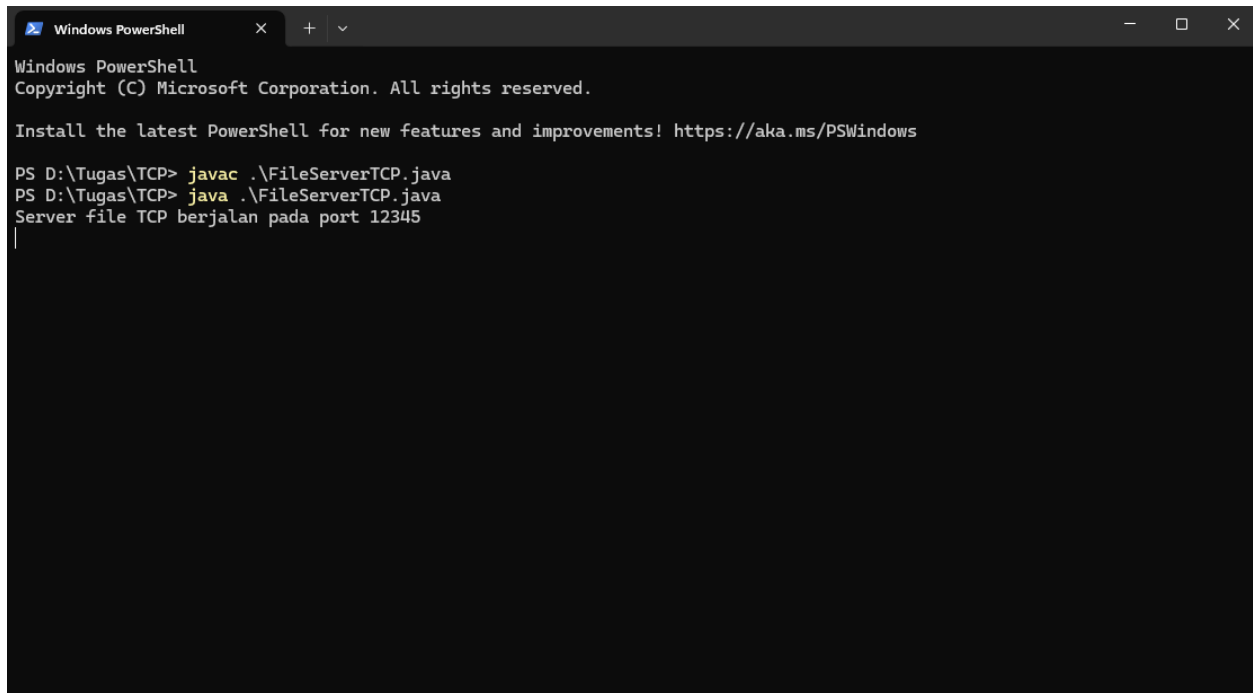


```
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PS D:\Tugas\TCP> javac .\FileServerTCP.java
PS D:\Tugas\TCP> |
```

2. Program FileServerTCP.java telah dijalankan

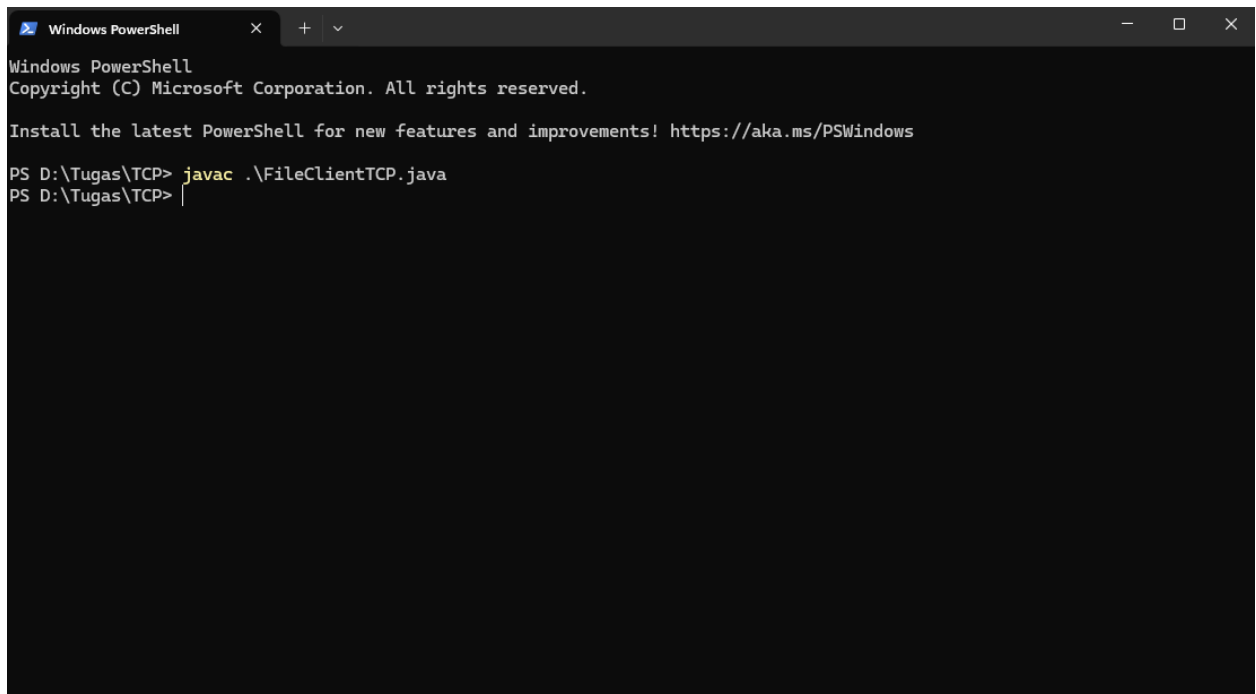


```
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PS D:\Tugas\TCP> javac .\FileServerTCP.java
PS D:\Tugas\TCP> java .\FileServerTCP.java
Server file TCP berjalan pada port 12345
|
```

3. **COMPILE PROGRAM** FileClientTCP.java berjalan tanpa ada error

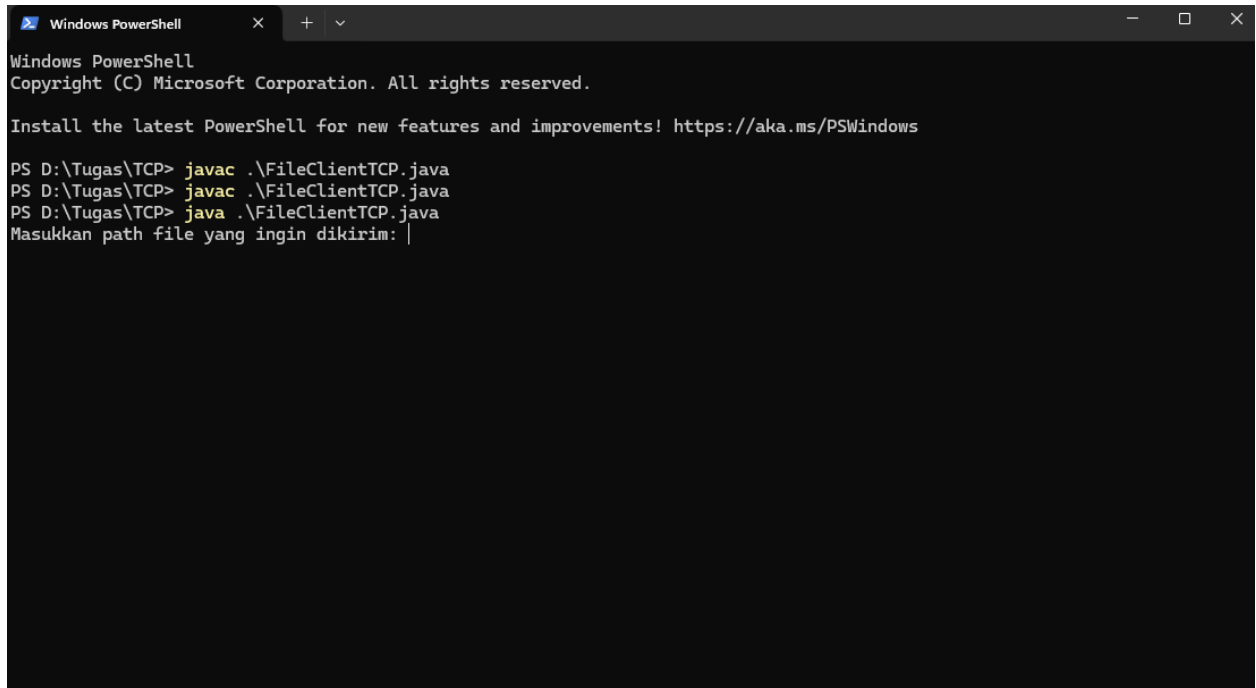


```
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PS D:\Tugas\TCP> javac .\FileClientTCP.java
PS D:\Tugas\TCP> |
```

4. Setelah dijalankan Program FileClientTCP.java meminta user untuk memasukan file yang akan dikirim

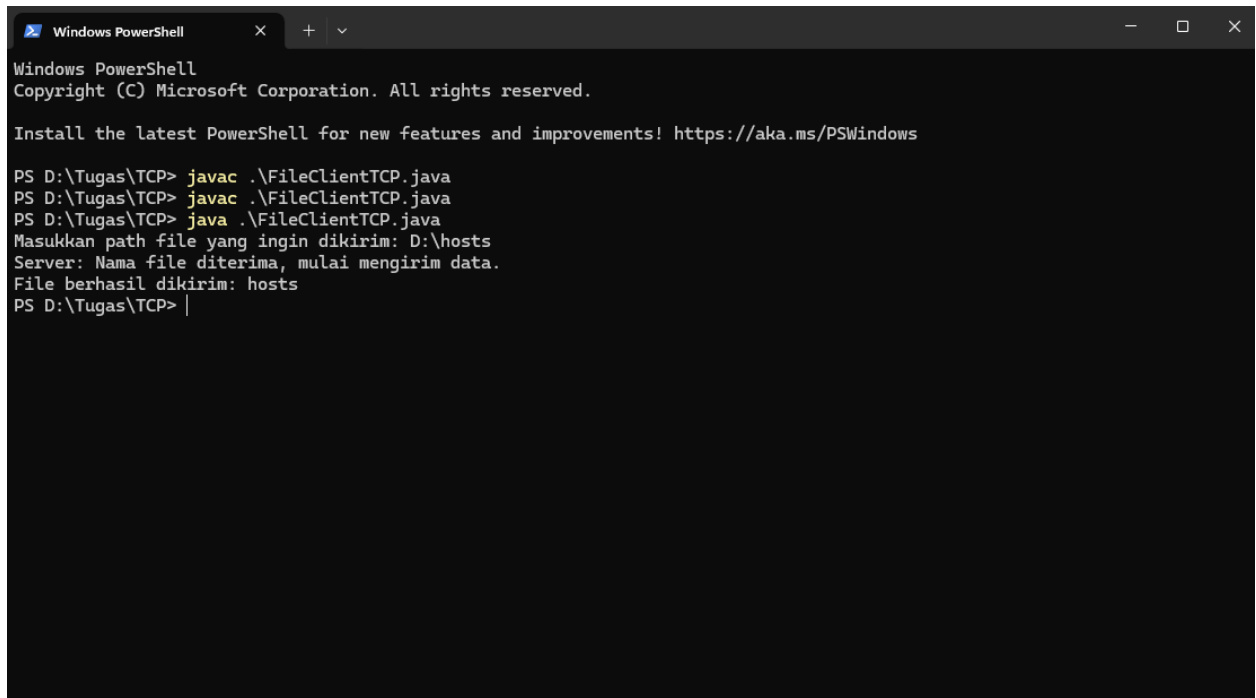


```
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PS D:\Tugas\TCP> javac .\FileClientTCP.java
PS D:\Tugas\TCP> javac .\FileClientTCP.java
PS D:\Tugas\TCP> java .\FileClientTCP.java
Masukkan path file yang ingin dikirim: |
```

5. User memasukan path file yang akan dikirim, lalu program mengirim file tersebut dan memberitahu jika file berhasil dikirim

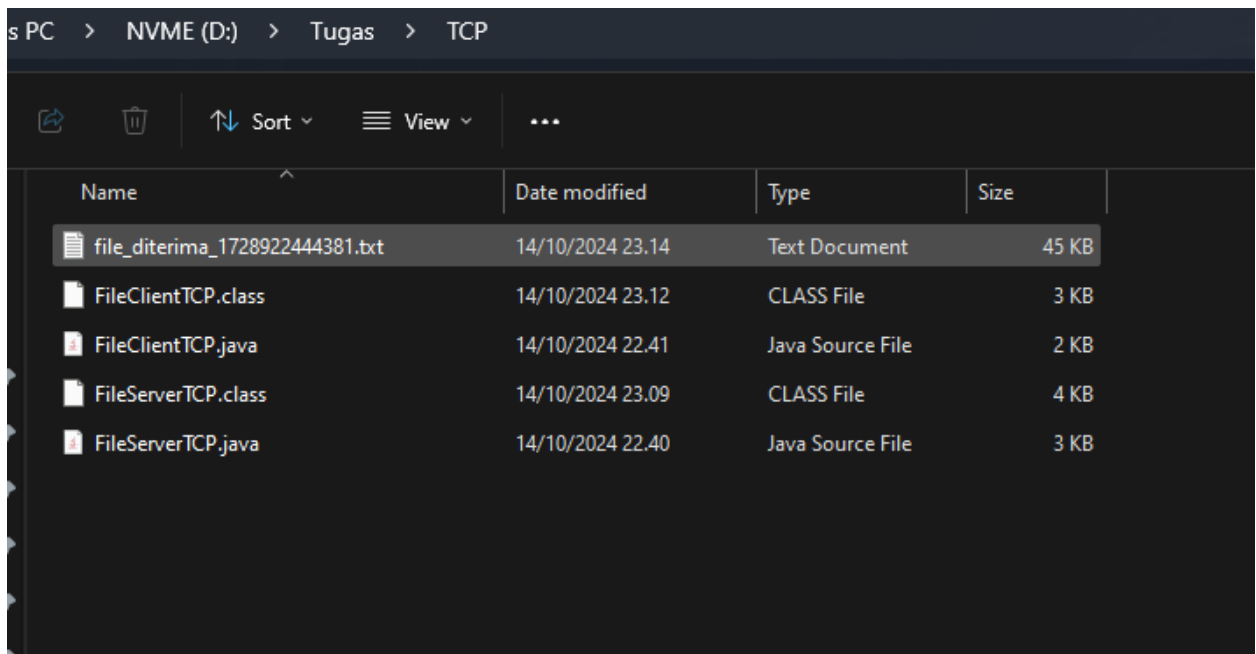


```
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PS D:\Tugas\TCP> javac .\FileClientTCP.java
PS D:\Tugas\TCP> javac .\FileClientTCP.java
PS D:\Tugas\TCP> java .\FileClientTCP.java
Masukkan path file yang ingin dikirim: D:\hosts
Server: Nama file diterima, mulai mengirim data.
File berhasil dikirim: hosts
PS D:\Tugas\TCP> |
```

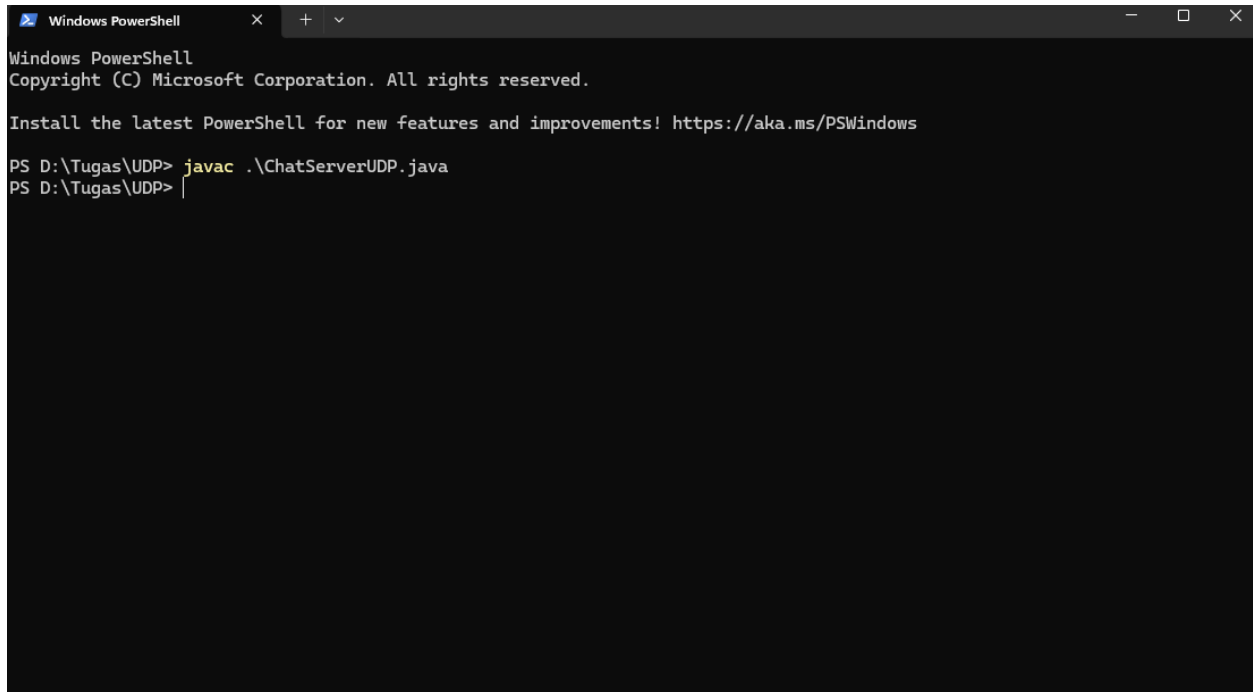
6. File yang telah diterima di directory server diberi nama unik sesuai tanggal dan waktu diterima



Name	Date modified	Type	Size
file_diterima_1728922444381.txt	14/10/2024 23.14	Text Document	45 KB
FileClientTCP.class	14/10/2024 23.12	CLASS File	3 KB
FileClientTCP.java	14/10/2024 22.41	Java Source File	2 KB
FileServerTCP.class	14/10/2024 23.09	CLASS File	4 KB
FileServerTCP.java	14/10/2024 22.40	Java Source File	3 KB

PROGRAM DATAGRAM (UDP)

1. Proses compile ChatServerUDP tidak ada error

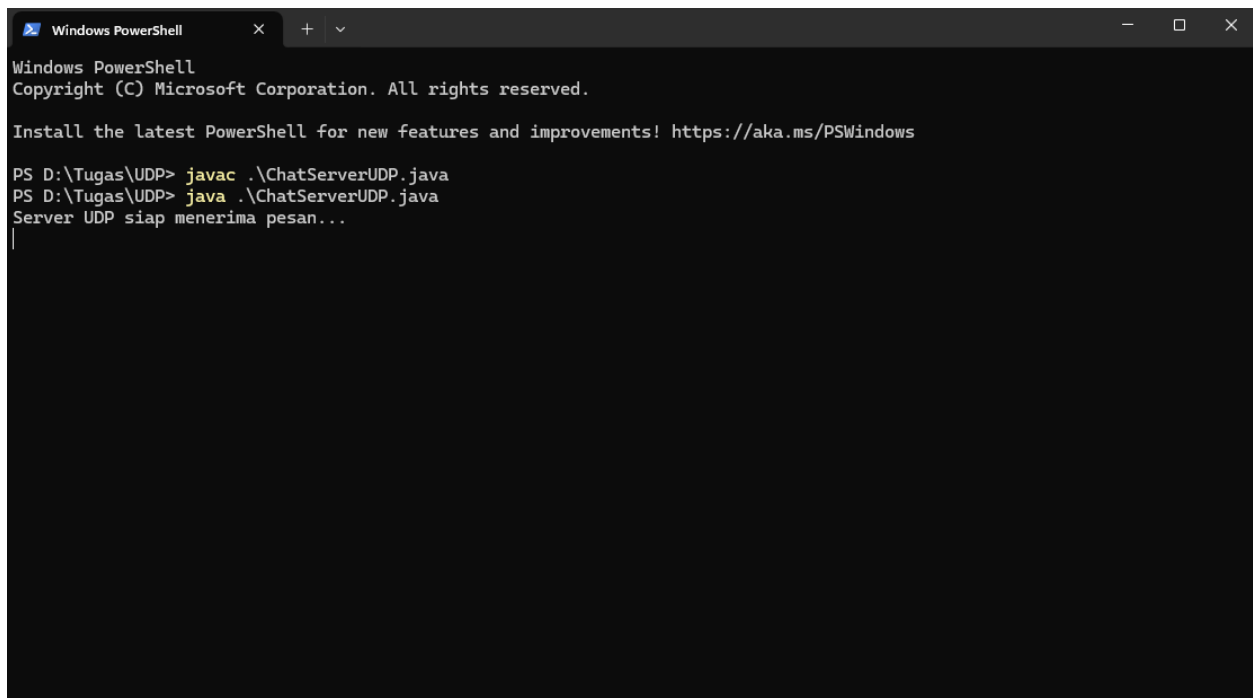


```
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PS D:\Tugas\UDP> javac .\ChatServerUDP.java
PS D:\Tugas\UDP> |
```

2. Program ChatServerUDP berjalan dengan baik

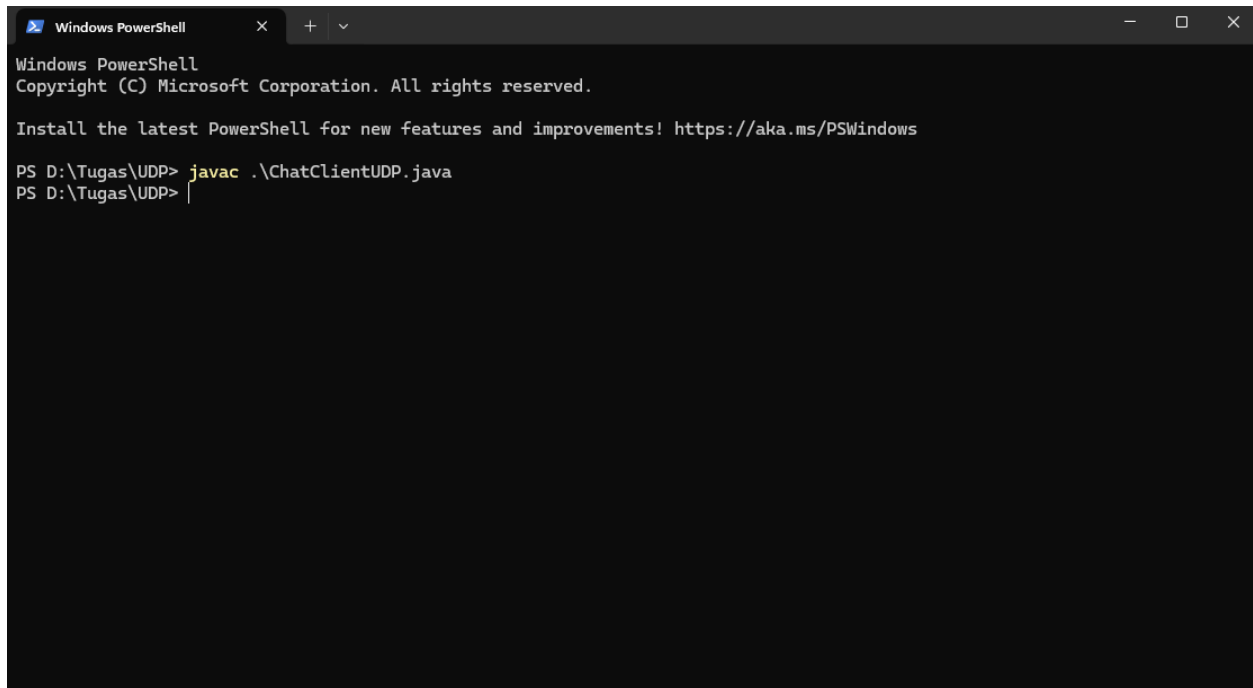


```
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PS D:\Tugas\UDP> javac .\ChatServerUDP.java
PS D:\Tugas\UDP> java .\ChatServerUDP.java
Server UDP siap menerima pesan...
|
```

3. Proses compile ChatClientUDP.java berjalan tanpa error

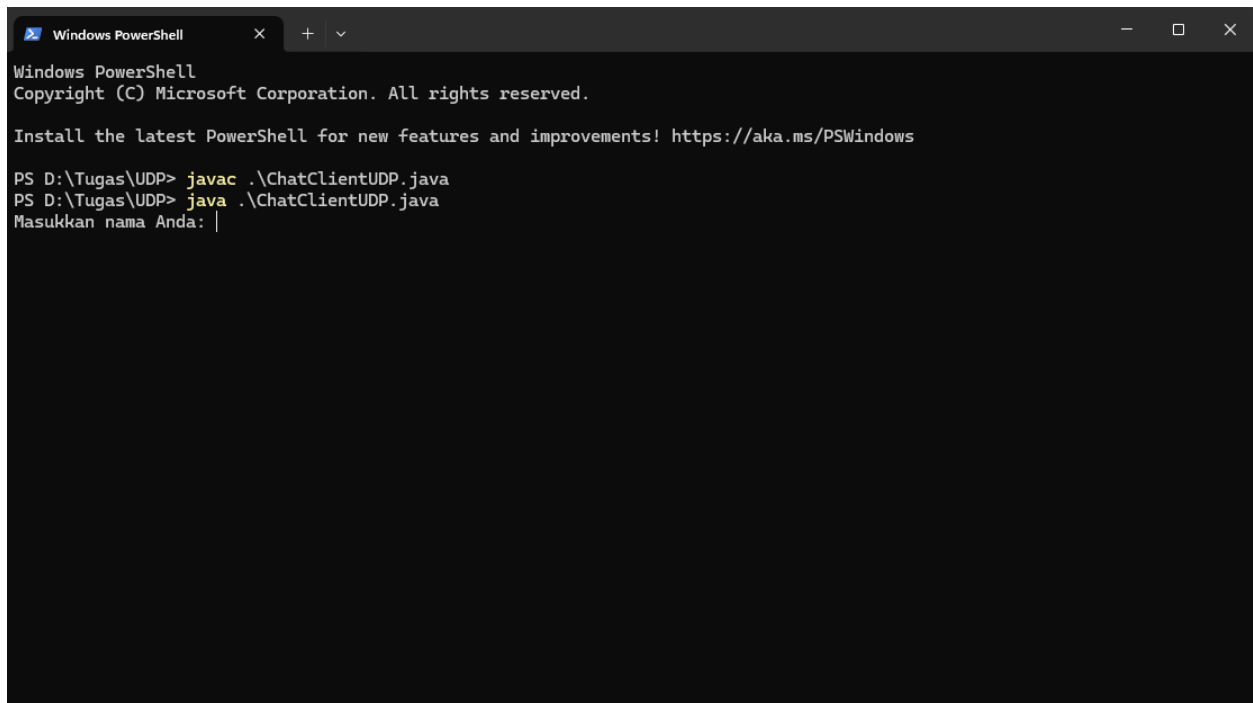


```
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PS D:\Tugas\UDP> javac .\ChatClientUDP.java
PS D:\Tugas\UDP> |
```

4. Program ChatClientUDP berjalan baik

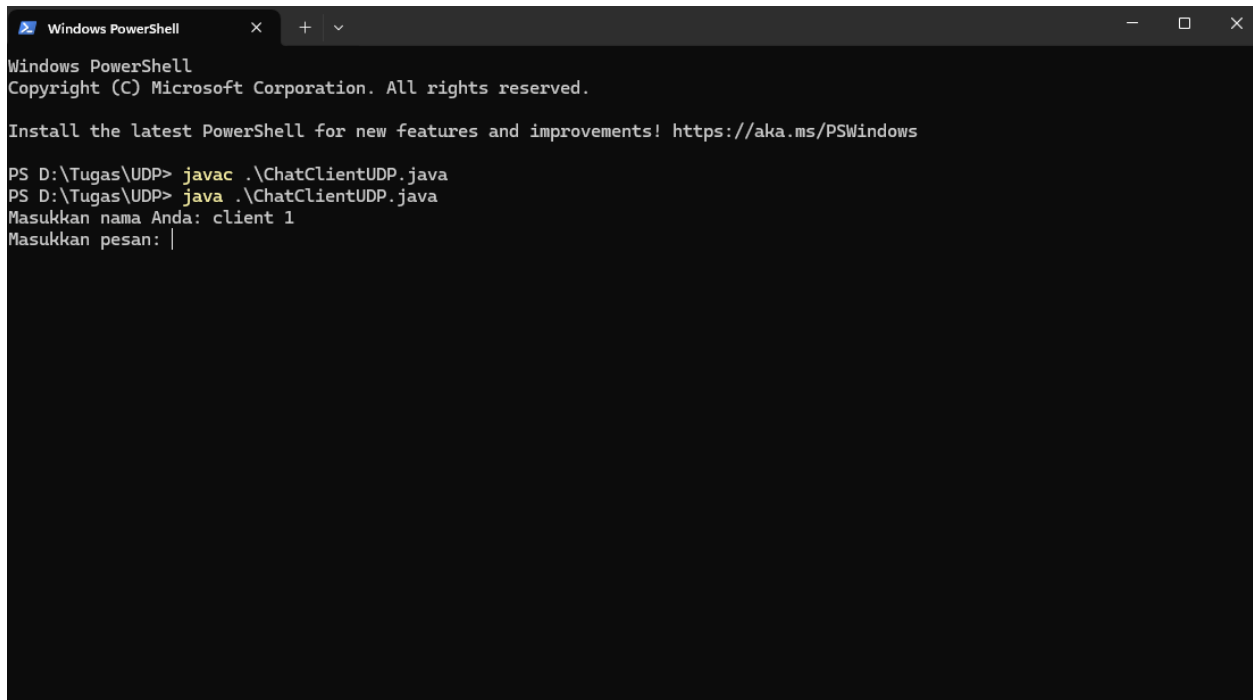


```
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PS D:\Tugas\UDP> javac .\ChatClientUDP.java
PS D:\Tugas\UDP> java .\ChatClientUDP.java
Masukkan nama Anda: |
```

5. Program ChatClientUDP client 1

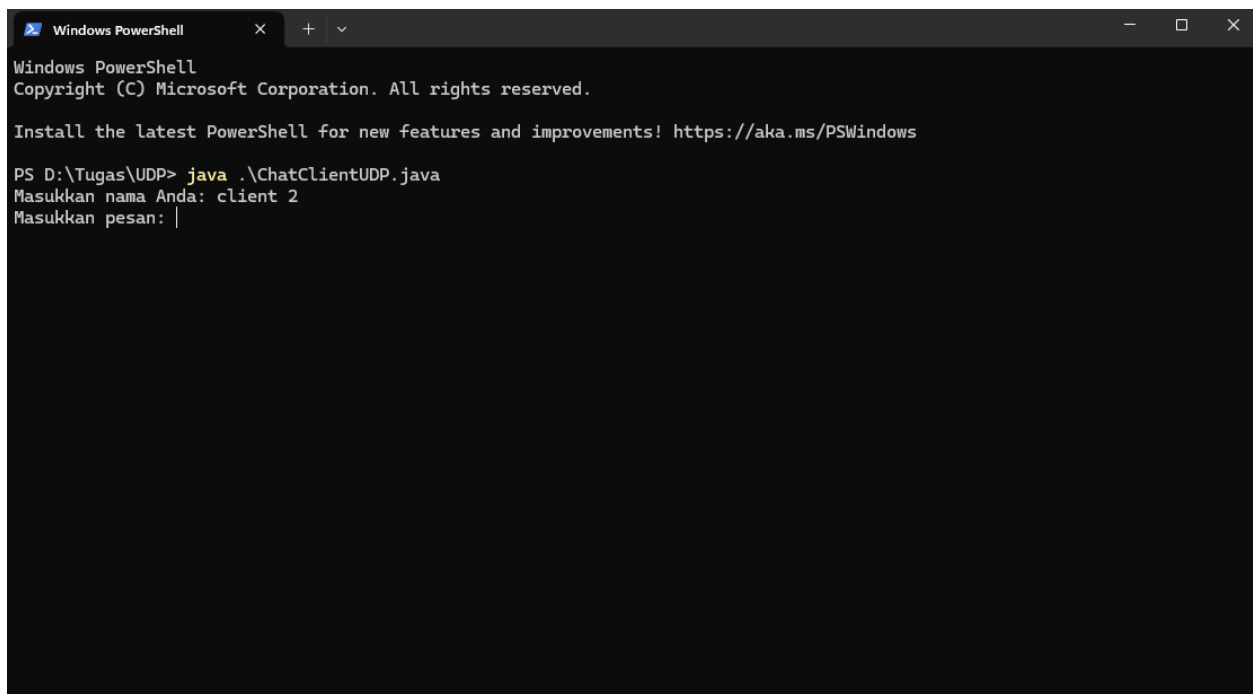


```
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PS D:\Tugas\UDP> javac .\ChatClientUDP.java
PS D:\Tugas\UDP> java .\ChatClientUDP.java
Masukkan nama Anda: client 1
Masukkan pesan: |
```

6. Program ChatClientUDP client 2

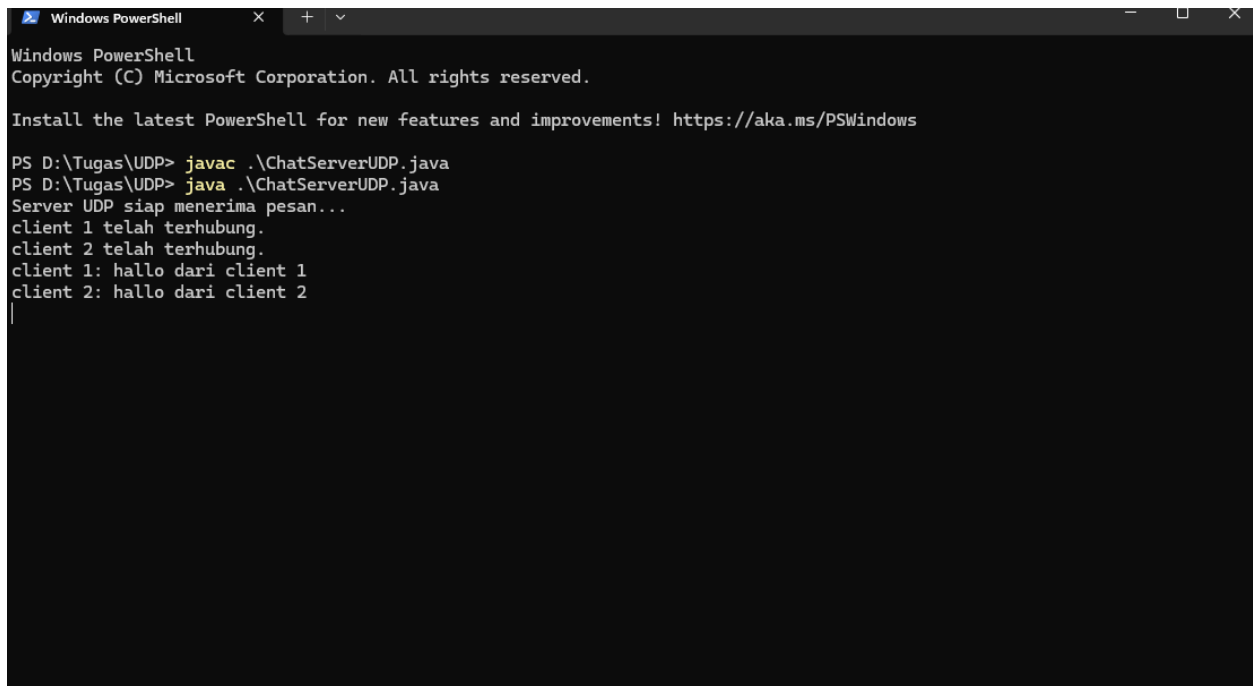


```
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PS D:\Tugas\UDP> java .\ChatClientUDP.java
Masukkan nama Anda: client 2
Masukkan pesan: |
```

7. Semua pesan diterima dengan baik di server



```
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PS D:\Tugas\UDP> javac .\ChatServerUDP.java
PS D:\Tugas\UDP> java .\ChatServerUDP.java
Server UDP siap menerima pesan...
client 1 telah terhubung.
client 2 telah terhubung.
client 1: halo dari client 1
client 2: halo dari client 2
|
```