```
Last login: Sun May 11 17:01:38 on ttys023
(base) sathwik@SATHWIKs-MacBook-Air Flower_Main % conda activate flec_env
(flec_env) sathwik@SATHWIKs-MacBook-Air Flower_Main % python client9.py
WARNING :   DEPRECATED FEATURE: flwr.client.start_numpy_client() is deprecated.
        Instead, use `flwr.client.start_client()` by ensuring you first call the `.to_client()` method as shown below:
        flwr.client.start_client(
                server_address='<IP>:<PORT>',
                client=FlowerClient().to_client(), # <-- where FlowerClient is of type flwr.client.NumPyClient object
        )
        Using `start_numpy_client()` is deprecated.

            This is a deprecated feature. It will be removed
            entirely in future versions of Flower.

WARNING :   DEPRECATED FEATURE: flwr.client.start_client() is deprecated.
        Instead, use the `flower-supernode` CLI command to start a SuperNode as shown below:

                $ flower-supernode --insecure --superlink='<IP>:<PORT>'

        To view all available options, run:

                $ flower-supernode --help

        Using `start_client()` is deprecated.

            This is a deprecated feature. It will be removed
            entirely in future versions of Flower.

Traceback (most recent call last):
  File "/Users/sathwik/VISUAL STUDIO CODE/FLEC/Flower_Main/client9.py", line 51, in <module>
    fl.client.start_numpy_client(
  File "/Users/sathwik/opt/anaconda3/envs/flec_env/lib/python3.9/site-packages/flwr/client/app.py", line 731, in start_numpy_client
    start_client(
  File "/Users/sathwik/opt/anaconda3/envs/flec_env/lib/python3.9/site-packages/flwr/client/app.py", line 201, in start_client
    start_client_internal(
  File "/Users/sathwik/opt/anaconda3/envs/flec_env/lib/python3.9/site-packages/flwr/client/app.py", line 438, in start_client_internal
    message = receive()
  File "/Users/sathwik/opt/anaconda3/envs/flec_env/lib/python3.9/site-packages/flwr/client/grpc_client/connection.py", line 142, in receive
    proto = next(server_message_iterator)
  File "/Users/sathwik/opt/anaconda3/envs/flec_env/lib/python3.9/site-packages/grpc/_channel.py", line 543, in __next__
    return self._next()
  File "/Users/sathwik/opt/anaconda3/envs/flec_env/lib/python3.9/site-packages/grpc/_channel.py", line 969, in _next
    raise self
grpc._channel._MultiThreadedRendezvous: <_MultiThreadedRendezvous of RPC that terminated with:
        status = StatusCode.UNAVAILABLE
        details = "failed to connect to all addresses; last error: UNKNOWN: ipv4:127.0.0.1:5040: Failed to connect to remote host: connect: Connection refused
 (61)"
        debug_error_string = "UNKNOWN:Error received from peer  {created_time:"2025-05-11T17:07:19.586301-04:00", grpc_status:14, grpc_message:"failed to conn
ect to all addresses; last error: UNKNOWN: ipv4:127.0.0.1:5040: Failed to connect to remote host: connect: Connection refused (61)"}"
>
(flec_env) sathwik@SATHWIKs-MacBook-Air Flower_Main % python client9.py
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        Instead, use the `flower-supernode` CLI command to start a SuperNode as shown below:

                $ flower-supernode --insecure --superlink='<IP>:<PORT>'

        To view all available options, run:

                $ flower-supernode --help

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  File "/Users/sathwik/VISUAL STUDIO CODE/FLEC/Flower_Main/client9.py", line 51, in <module>
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        debug_error_string = "UNKNOWN:Error received from peer  {created_time:"2025-05-11T17:13:43.581335-04:00", grpc_status:14, grpc_message:"failed to conn
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WARNING :    DEPRECATED FEATURE: flwr.client.start_client() is deprecated.
        Instead, use the `flower-supernode` CLI command to start a SuperNode as shown below:

                $ flower-supernode --insecure --superlink='<IP>:<PORT>'

        To view all available options, run:

                $ flower-supernode --help

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  (61)"
        debug_error_string = "UNKNOWN:Error received from peer  {created_time:"2025-05-11T17:23:28.312186-04:00", grpc_status:14, grpc_message:"failed to conn
ect to all addresses; last error: UNKNOWN: ipv4:127.0.0.1:5040: Failed to connect to remote host: connect: Connection refused (61)"}"
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        Instead, use the `flower-supernode` CLI command to start a SuperNode as shown below:

                $ flower-supernode --insecure --superlink='<IP>:<PORT>'

        To view all available options, run:

                $ flower-supernode --help

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    raise self
grpc._channel._MultiThreadedRendezvous: <_MultiThreadedRendezvous of RPC that terminated with:
        status = StatusCode.UNAVAILABLE
        details = "Cancelling all calls"
        debug_error_string = "UNKNOWN:Error received from peer  {grpc_message:"Cancelling all calls", grpc_status:14, created_time:"2025-05-11T17:26:58.994754
-04:00"}"
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```

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    To view all available options, run:

        $ flower-supernode --help

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INFO :
INFO :      Received: train message 8e0dcbc3-330f-486d-9273-ed3a46133f45
Training finished for round 1
INFO :      Sent reply
INFO :
INFO :      Received: train message eaa0a87c-4519-4333-b835-9528ccfdaa4b
Training finished for round 2
INFO :      Sent reply
INFO :
INFO :      Received: train message 66a68a39-c558-4d62-9f33-90ff579785e3
Training finished for round 3
INFO :      Sent reply
INFO :
INFO :      Received: train message 4893b932-f1ab-49b1-9f9d-9e2e4fe855e0
Training finished for round 4
INFO :      Sent reply
INFO :
INFO :      Received: train message 3eac6eff-0b45-4040-b5cb-f06f2a088d14
Training finished for round 5
INFO :      Sent reply
INFO :
INFO :      Received: train message a8813c89-7732-45b8-adeb-d61e9d4bf568
Training finished for round 6
INFO :      Sent reply
INFO :
INFO :      Received: train message 7dbee11d-9858-4518-a77f-566852d4549d
Training finished for round 7
INFO :      Sent reply
INFO :
INFO :      Received: train message bd399ebd-e3d7-4481-bb02-8b27bf756c9d
Training finished for round 8
INFO :      Sent reply
INFO :
INFO :      Received: train message d41964c3-a20d-45a8-8788-81caac839910
Training finished for round 9
INFO :      Sent reply
INFO :
INFO :      Received: train message ac6a267d-3f53-41b8-ba62-9dbb64cf3e6b
Training finished for round 10
INFO :      Sent reply
INFO :
INFO :      Received: reconnect message 4f20f777-89bf-4267-867b-4c8b46689809
INFO :      Disconnect and shut down
(flec_env) sathwik@SATHWIKs-MacBook-Air Flower_Main %
```