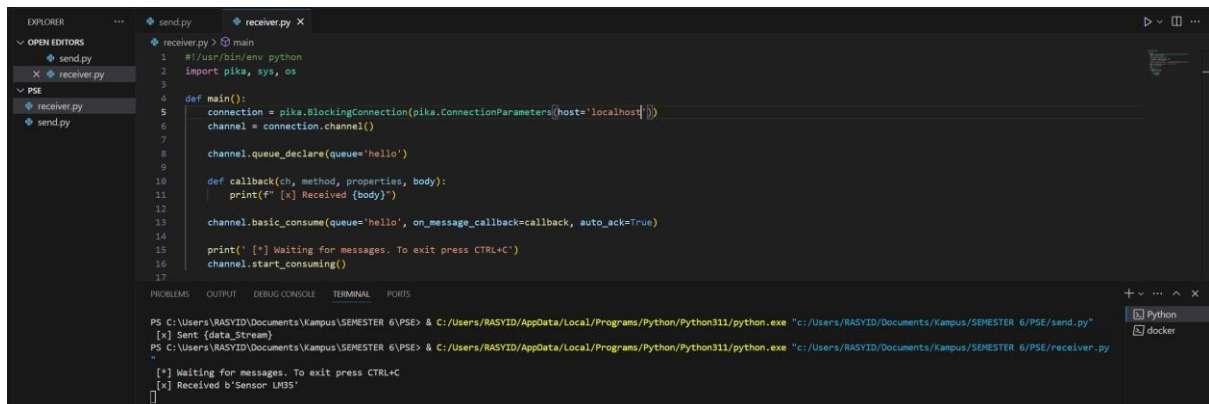


The screenshot shows the VS Code interface with the 'send.py' file open. The file contains the following code:

```
1 #!/usr/bin/env python
2 import pika
3
4 connection = pika.BlockingConnection(
5     pika.ConnectionParameters(host='localhost'))
6 channel = connection.channel()
7
8 channel.queue_declare(queue='hello')
9
10 data_Stream = "Sensor LM35"
11
12 channel.basic_publish(exchange='', routing_key='hello', body=data_Stream)
13 print("[x] Sent (data_Stream)")
14 connection.close()
```

The terminal output shows the command being executed and the result:

```
PS C:\Users\RASYID\Documents\Kampus\SEMESTER 6\PSE> & C:/Users/RASYID/AppData/Local/Programs/Python/Python311/python.exe "c:/Users/RASYID/Documents/Kampus/SEMESTER 6/PSE/send.py"
[x] Sent (data_Stream)
PS C:\Users\RASYID\Documents\Kampus\SEMESTER 6\PSE> & C:/Users/RASYID/AppData/Local/Programs/Python/Python311/python.exe "c:/Users/RASYID/Documents/Kampus/SEMESTER 6/PSE/receiver.py"
[*] Waiting for messages. To exit press CTRL+C
[x] Received b'Sensor LM35'
```

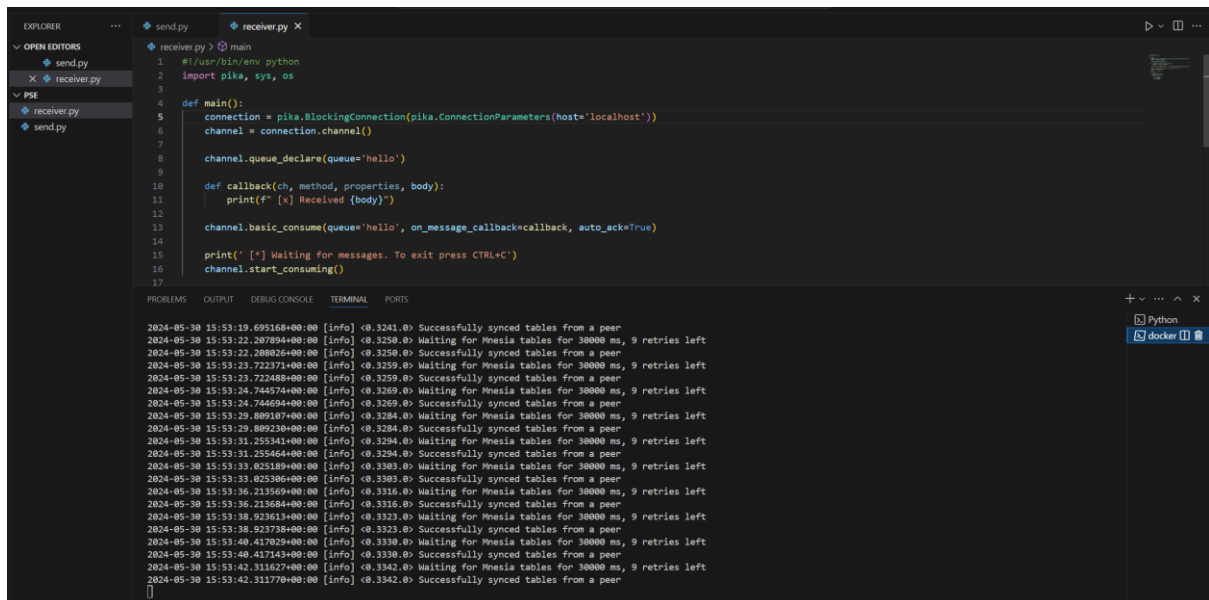


The screenshot shows the VS Code interface with the 'receiver.py' file open. The file contains the following code:

```
1 #!/usr/bin/env python
2 import pika, sys, os
3
4 def main():
5     connection = pika.BlockingConnection(pika.ConnectionParameters(host='localhost'))
6     channel = connection.channel()
7
8     channel.queue_declare(queue='hello')
9
10     def callback(ch, method, properties, body):
11         print(f"[x] Received {body}")
12
13     channel.basic_consume(queue='hello', on_message_callback=callback, auto_ack=True)
14
15     print("[*] Waiting for messages. To exit press CTRL+C")
16     channel.start_consuming()
17
```

The terminal output shows the command being executed and the result:

```
PS C:\Users\RASYID\Documents\Kampus\SEMESTER 6\PSE> & C:/Users/RASYID/AppData/Local/Programs/Python/Python311/python.exe "c:/Users/RASYID/Documents/Kampus/SEMESTER 6/PSE/send.py"
[x] Sent (data_Stream)
PS C:\Users\RASYID\Documents\Kampus\SEMESTER 6\PSE> & C:/Users/RASYID/AppData/Local/Programs/Python/Python311/python.exe "c:/Users/RASYID/Documents/Kampus/SEMESTER 6/PSE/receiver.py"
[*] Waiting for messages. To exit press CTRL+C
[x] Received b'Sensor LM35'
```



The screenshot shows the VS Code interface with the 'receiver.py' file open. The file contains the following code:

```
1 #!/usr/bin/env python
2 import pika, sys, os
3
4 def main():
5     connection = pika.BlockingConnection(pika.ConnectionParameters(host='localhost'))
6     channel = connection.channel()
7
8     channel.queue_declare(queue='hello')
9
10     def callback(ch, method, properties, body):
11         print(f"[x] Received {body}")
12
13     channel.basic_consume(queue='hello', on_message_callback=callback, auto_ack=True)
14
15     print("[*] Waiting for messages. To exit press CTRL+C")
16     channel.start_consuming()
17
```

The terminal output shows the command being executed and the result:

```
2024-05-30 15:53:19.695168+00:00 [info] <0.3241.0> Successfully synced tables from a peer
2024-05-30 15:53:22.207894+00:00 [info] <0.3250.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:22.208026+00:00 [info] <0.3250.0> Successfully synced tables from a peer
2024-05-30 15:53:23.722371+00:00 [info] <0.3259.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:23.722488+00:00 [info] <0.3259.0> Successfully synced tables from a peer
2024-05-30 15:53:24.744574+00:00 [info] <0.3269.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:24.744694+00:00 [info] <0.3269.0> Successfully synced tables from a peer
2024-05-30 15:53:29.809187+00:00 [info] <0.3284.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:29.809230+00:00 [info] <0.3284.0> Successfully synced tables from a peer
2024-05-30 15:53:31.255341+00:00 [info] <0.3294.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:31.255464+00:00 [info] <0.3294.0> Successfully synced tables from a peer
2024-05-30 15:53:33.025189+00:00 [info] <0.3303.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:33.025306+00:00 [info] <0.3303.0> Successfully synced tables from a peer
2024-05-30 15:53:36.213684+00:00 [info] <0.3316.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:36.213684+00:00 [info] <0.3316.0> Successfully synced tables from a peer
2024-05-30 15:53:38.923613+00:00 [info] <0.3323.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:38.923738+00:00 [info] <0.3323.0> Successfully synced tables from a peer
2024-05-30 15:53:40.417029+00:00 [info] <0.3330.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:40.417143+00:00 [info] <0.3330.0> Successfully synced tables from a peer
2024-05-30 15:53:42.311627+00:00 [info] <0.3342.0> Waiting for Mnesia tables for 30000 ms, 9 retries left
2024-05-30 15:53:42.311770+00:00 [info] <0.3342.0> Successfully synced tables from a peer
```

Containers

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Container CPU usage ⓘ

0.13% / 1600% (16 CPUs available)

Container memory usage ⓘ

155.5MB / 15.18GB

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🔌 Only show running containers

<input type="checkbox"/>	Name	Image	Status	Port(s)	CPU (%)	Last started	Actions
<input type="checkbox"/>	<div><div>rabbitmq</div><div>e8b608a6a19c</div></div>	rabbitmq:3.13-management	Running	15672:15672 Show all ports (2)	0.13%	14 minutes ago	<div>■ ⋮ 🗑</div>

Showing 1 item

Walkthroughs

×

Multi-container applications

8 mins

\$ docker init

Containerize your application

3 mins

Engine running

▶

🔍

🔧

📄

🔗

View more in the Learning center

RAM 2.85 GB CPU 0.06% 🖱 Not signed in

🔌 v4.30.0 🔔

RabbitMQ

™

RabbitMQ 3.13.2

Erlang 26.2.5

Refreshed 2024-05-30 22:54:37

Refresh every 5 seconds

Virtual host

All

Cluster rabbit@e8b608a6a192

User guest

Log out

Overview

Connections

Channels

Exchanges

Queues and Streams

Admin

Overview

▼ Totals

Queued messages

last minute

 ⓘ

Currently idle

Message rates

last minute

 ⓘ

Currently idle

Global counts ⓘ

Connections: 0

Channels: 0

Exchanges: 7

Queues: 0

Consumers: 0

▼ Nodes

Name	File descriptors ⓘ	Socket descriptors ⓘ	Erlang processes	Memory ⓘ	Disk space	Uptime	Info	Reset stats
rabbit@e8b608a6a192	<div>44</div> <div>1048576 available</div>	<div>0</div> <div>943629 available</div>	<div>458</div> <div>1048576 available</div>	<div>179 MiB</div> <div>5-2 GiB high watermark 48 MiB low watermark</div>	<div>954 GiB</div>	12m 24s	<div>basic</div> <div>disc</div> <div>2</div> <div>rss</div>	<div>This node</div> <div>All nodes</div>

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