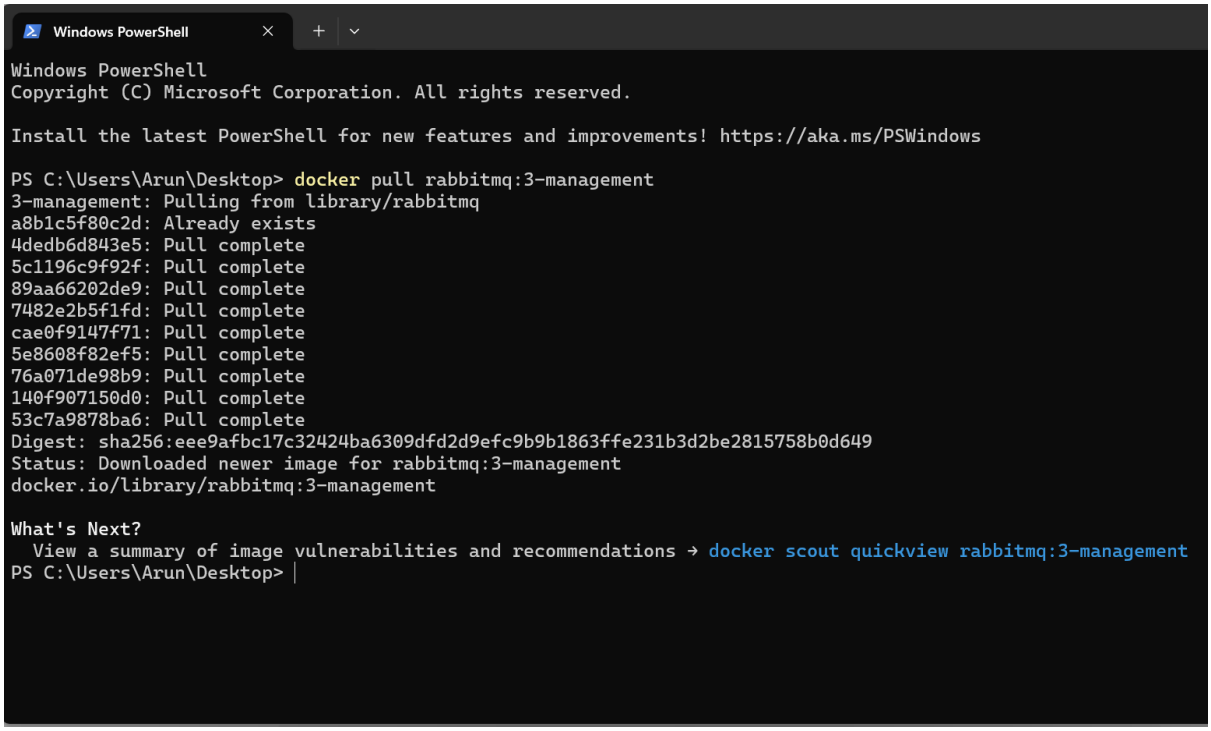
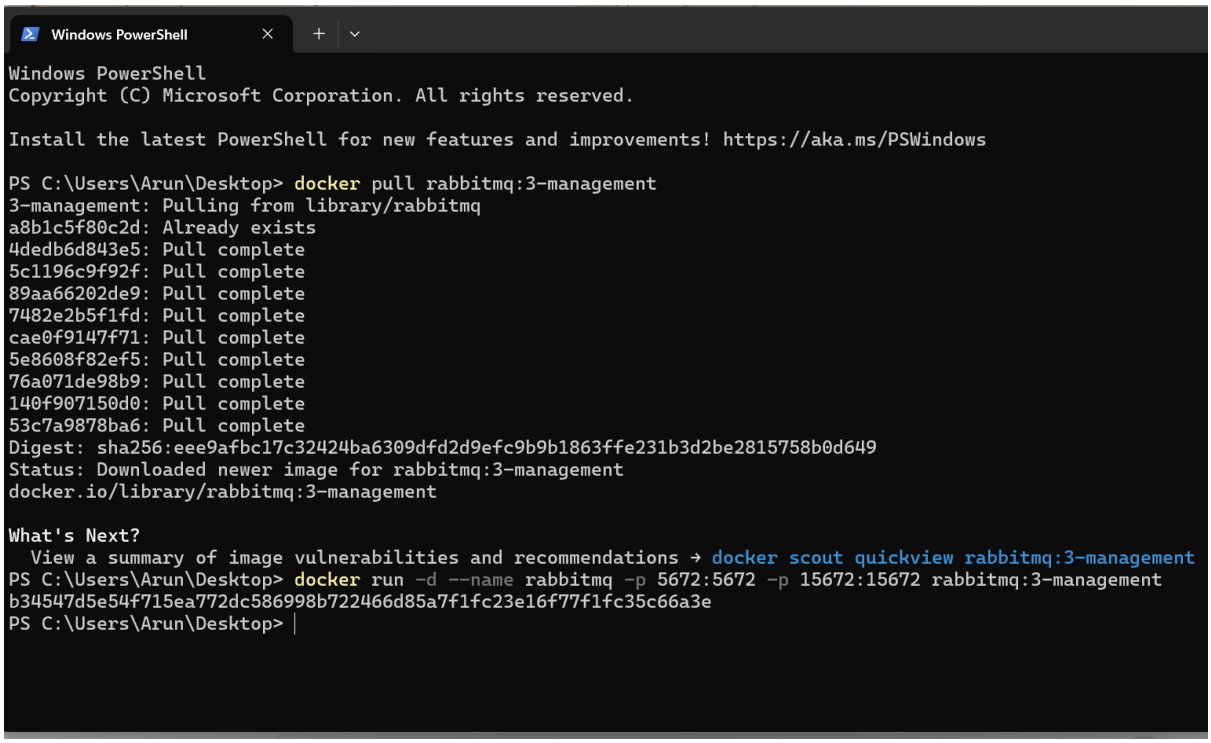
SIMPLE QUEUEING MODEL WITH RABBIT-MQ

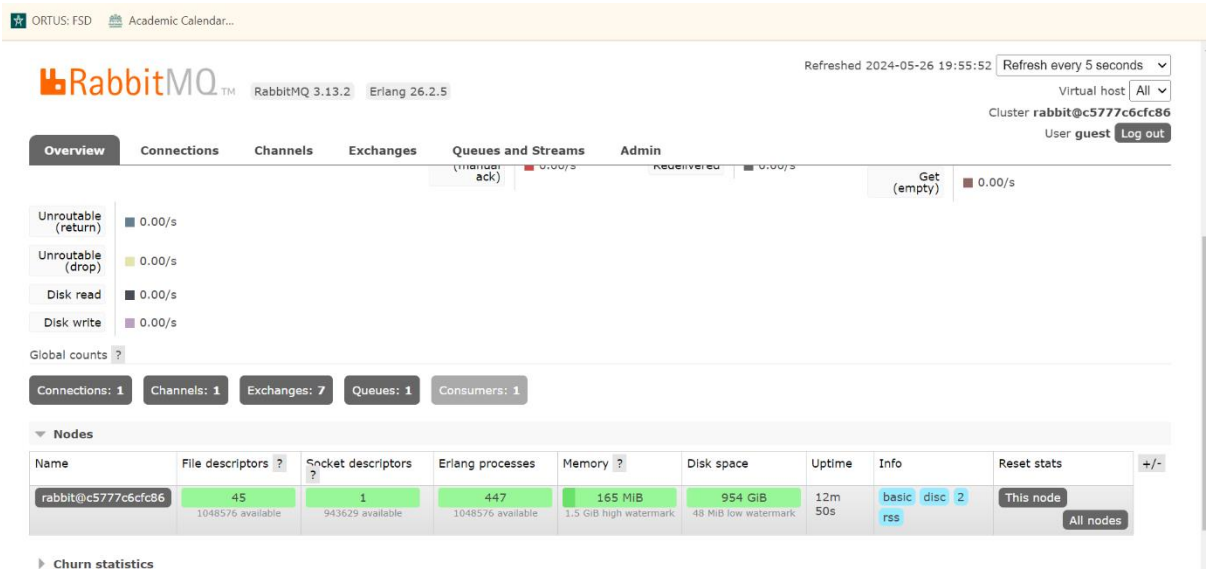
Pulling the RabbitMQ Docker Image



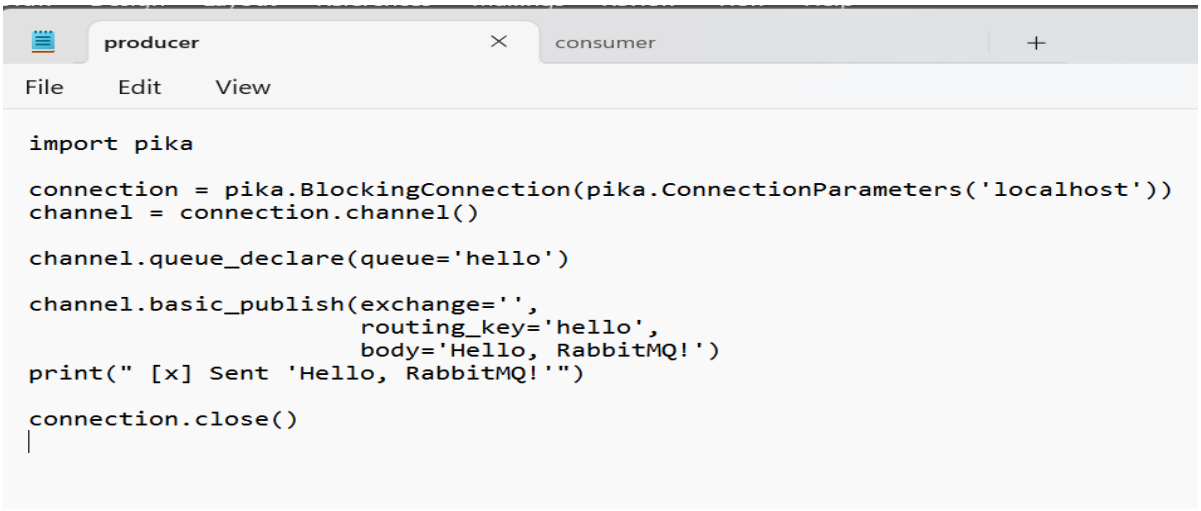
Runing the RabbitMQ Container



Access RabbitMQ Management Console



Create a Python Script for the Producer and consumer

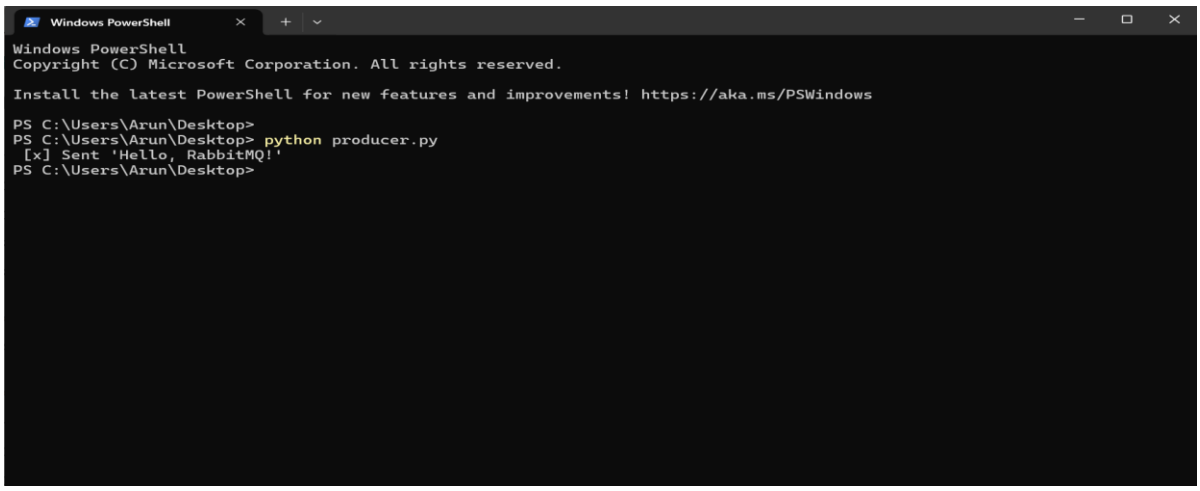


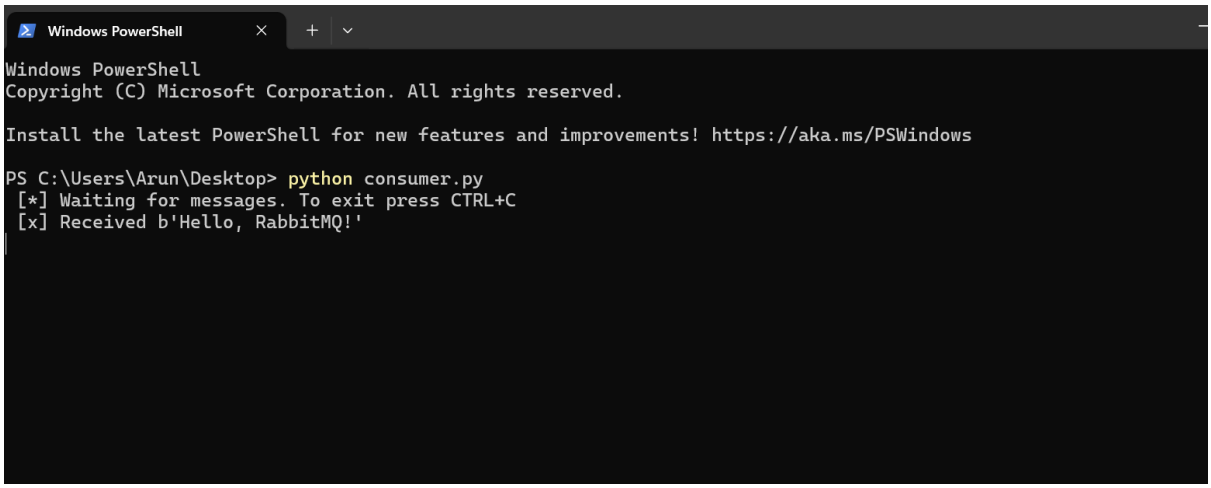
producer consumer

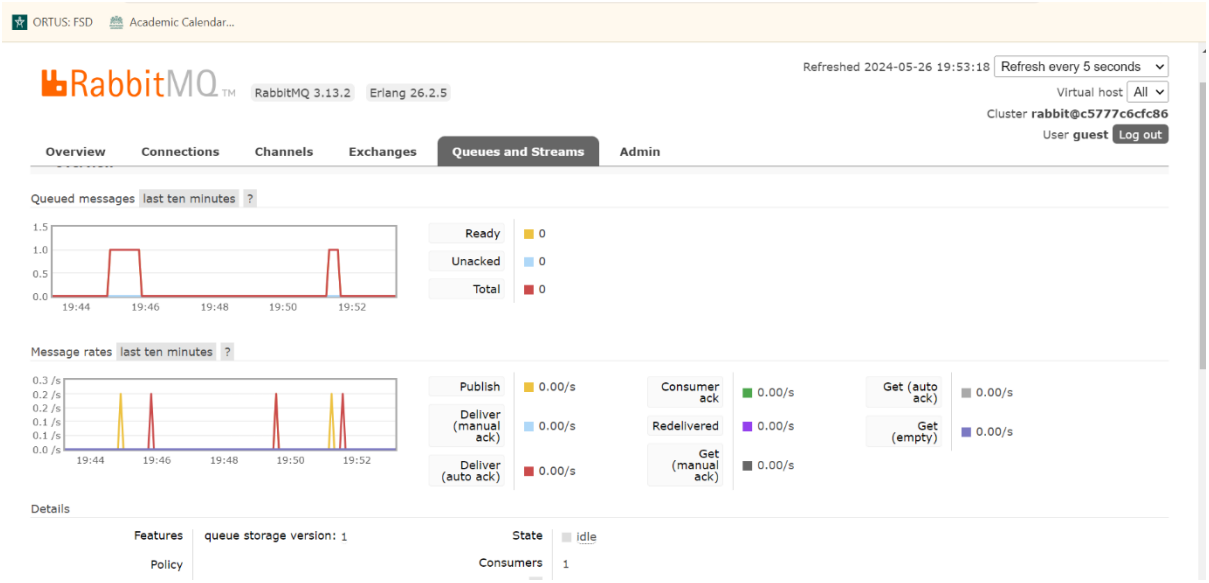
File Edit View

```
import pika

def callback(ch, method, properties, body):
    print(" [x] Received %r" % body)

connection = pika.BlockingConnection(pika.ConnectionParameters('localhost'))
channel = connection.channel()

channel.queue_declare(queue='hello')

channel.basic_consume(queue='hello',
                      on_message_callback=callback,
                      auto_ack=True)

print(' [*] Waiting for messages. To exit press CTRL+C')
channel.start_consuming()
```

Run the Producer, Consumer and Validate, Verify message






ORTUS: FSD
Academic Calendar...
RabbitMQ
RabbitMQ 3.13.2
Erlang 26.2.5
Refreshed 2024-05-26 19:53:18
Refresh every 5 seconds
Virtual host All
Cluster rabbit@c5777c6cfc86
User guest
Log out
Overview
Connections
Channels
Exchanges
Queues and Streams
Admin
Queued messages last ten minutes ?
1.5
1.0
0.5
0.0
19:44
19:46
19:48
19:50
19:52
Ready 0
Unacked 0
Total 0
Message rates last ten minutes ?
0.3 /s
0.2 /s
0.2 /s
0.1 /s
0.1 /s
0.0 /s
19:44
19:46
19:48
19:50
19:52
Publish 0.00/s
Deliver (manual ack) 0.00/s
Deliver (auto ack) 0.00/s
Consumer ack 0.00/s
Redelivered 0.00/s
Get (manual ack) 0.00/s
Get (auto ack) 0.00/s
Get (empty) 0.00/s
Details
Features
queue storage version: 1
Policy
State
idle
Consumers
1