Code:

```
print('Papert 1')

print('Papert 1')

s.pubh(s)

s.pubh(s)

print('Papert', s.len())

print('Papert', s.pop())

print('Papert', s.le.empty())

print('Papert', s.le.empty())

print('Tale empty', s.le.empty())

try:

print('Papert', s.le.empty())

try:

print('Papert', s.le.empty())

s.pubh(s)

s.pubh(s)

s.pubh(s)

print('Papert', s.len())

print('Papert', s.len())

print('Papert', s.len())

print('Papert', s.len())

s.pubh(s)

s.pubh(s)
```

OUTPUT:

```
"C:\Program Files\Python312\python.exe" Z:\DSALG01-IDB2\Activity1Midterms_Castro.py
Part 1
Pushed: [5]
Pushed: [5, 3]
Popped: 3
Is empty: False
Popped: 5
Is empty: True
pop from empty list
Pushed: [7]
Pushed: [7, 9]
Top element: 9
Pushed: [7, 9, 4]
Size: 3
Popped: 4
Pushed: [7, 9, 6]
Pushed: [7, 9, 6, 8]
Popped: 8
Stack content: [7, 9, 6]
```

```
Part 2
Pushed: [5]
Pushed: [5, 3]
Popped: 3
Pushed: [5, 2]
Pushed: [5, 2, 8]
Popped: 8
Popped: 2
Pushed: [5, 9]
Pushed: [5, 9, 1]
Popped: 1
Pushed: [5, 9, 7]
Pushed: [5, 9, 7, 6]
Popped: 6
Popped: 7
Pushed: [5, 9, 4]
Popped: 4
Popped: 9
Stack content: [5]
Process finished with exit code \theta
```