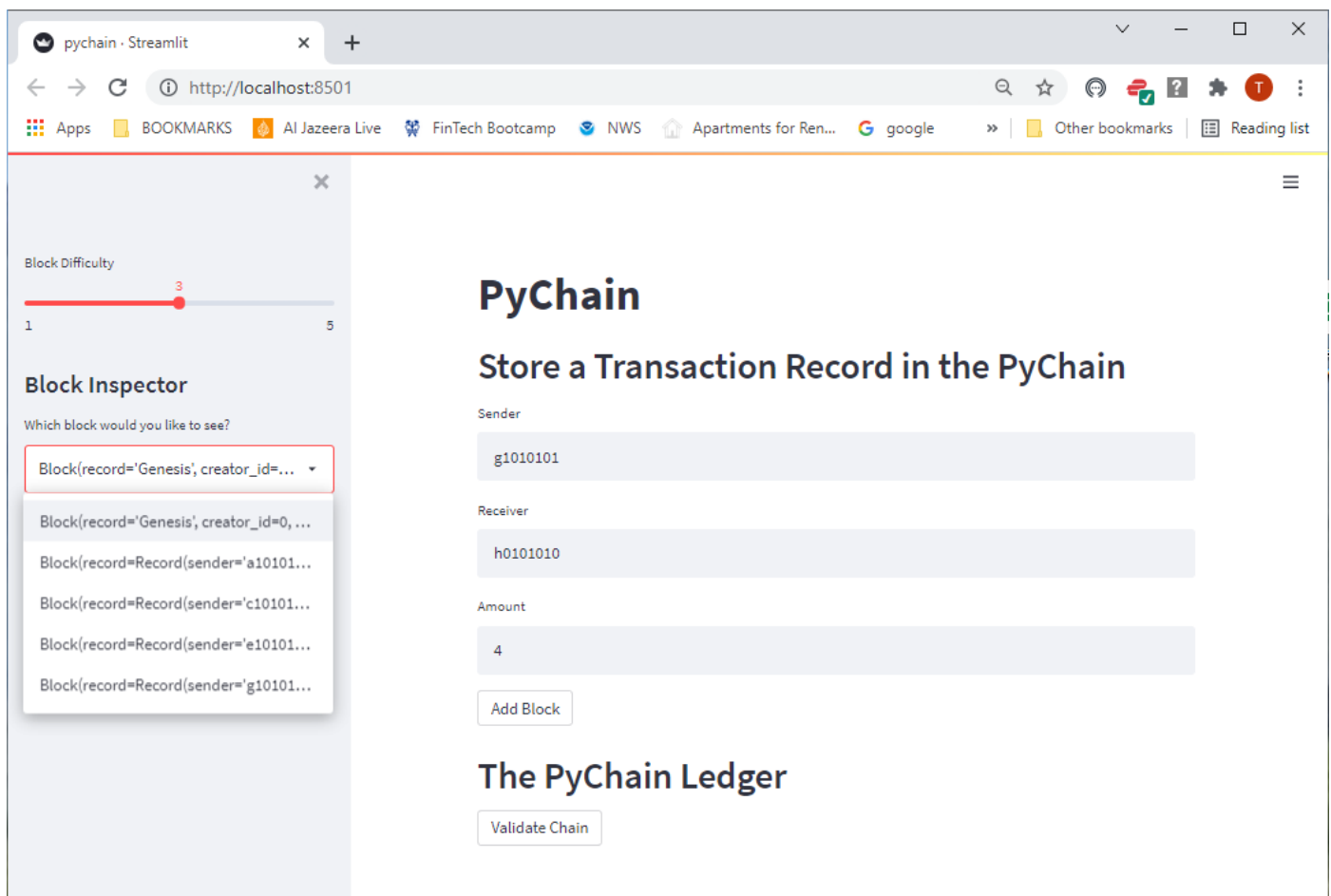


```
MINGW64: c:/Users/moria/desktop/Module18_Challenge
bash: /conda.sh: No such file or directory
(base)
moria@DESKTOP-KRH6VMP MINGW64 ~
$ conda activate dev
(dev)
moria@DESKTOP-KRH6VMP MINGW64 ~
$ cd desktop
(dev)
moria@DESKTOP-KRH6VMP MINGW64 ~/desktop
$ cd Module18_Challenge
(dev)
moria@DESKTOP-KRH6VMP MINGW64 ~/desktop/Module18_Challenge
$ streamlit run pychain.py

You can now view your Streamlit app in your browser.

Local URL: http://localhost:8501
Network URL: http://10.200.0.6:8501

Initializing Chain
```



pychain · Streamlit

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← → ↺

http://localhost:8501

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Block Difficulty

1

3

5

Block Inspector

Which block would you like to see?

Block(record=Record(sender='a101...' | ▾

```
Block(record=Record(sender='a1010101', receiver='b0101010', amount='1'), creator_id=42, prev_hash='9b4651be7547a9bd42dc00c919c20ae49787d3a3176ae2f224fe0dda972d6e63', timestamp='11:42:06', nonce=100)
```

PyChain

Store a Transaction Record in the PyChain

Sender

g1010101

Receiver

h0101010

Amount

4

Add Block

The PyChain Ledger

Validate Chain

pychain · Streamlit

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← → ↺

http://localhost:8501

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Block Difficulty

1

3

5

Block Inspector

Which block would you like to see?

Block(record=Record(sender='c101...' ▾

```
Block(record=Record(sender='c1010101', receiver='d0101010', amount='2'), creator_id=42, prev_hash='046de203993688eadd39e61949e8e784a311ccd0b52dc8afce51e646a17e4490', timestamp='11:42:28', nonce=647)
```

PyChain

Store a Transaction Record in the PyChain

Sender

g1010101

Receiver

h0101010

Amount

4

Add Block

The PyChain Ledger

Validate Chain

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+

← → ↻ http://localhost:8501

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Block Difficulty

1

3

5

Block Inspector

Which block would you like to see?

Block(record=Record(sender='e101... | ▾

```
Block(record=Record(sender='e1010101', receiver='f0101010', amount='3'), creator_id=42, prev_hash='004357dad00038d0a734b677d4f23a0192d4101718990bd59a81925428d547a', timestamp='11:42:45', nonce=214)
```

PyChain

Store a Transaction Record in the PyChain

Sender

g1010101

Receiver

h0101010

Amount

4

Add Block

The PyChain Ledger

Validate Chain

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← → ↻ http://localhost:8501

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Block Difficulty

1

3

5

Block Inspector

Which block would you like to see?

Block(record=Record(sender='g101... | ▾

```
Block(record=Record(sender='g1010101', receiver='h0101010', amount='4'), creator_id=42, prev_hash='000899922eb35b7f99392c377cf8a213a2d449cbc7dd4240a0764644caed24bd', timestamp='11:43:16', nonce=1801)
```

PyChain

Store a Transaction Record in the PyChain

Sender

g1010101

Receiver

h0101010

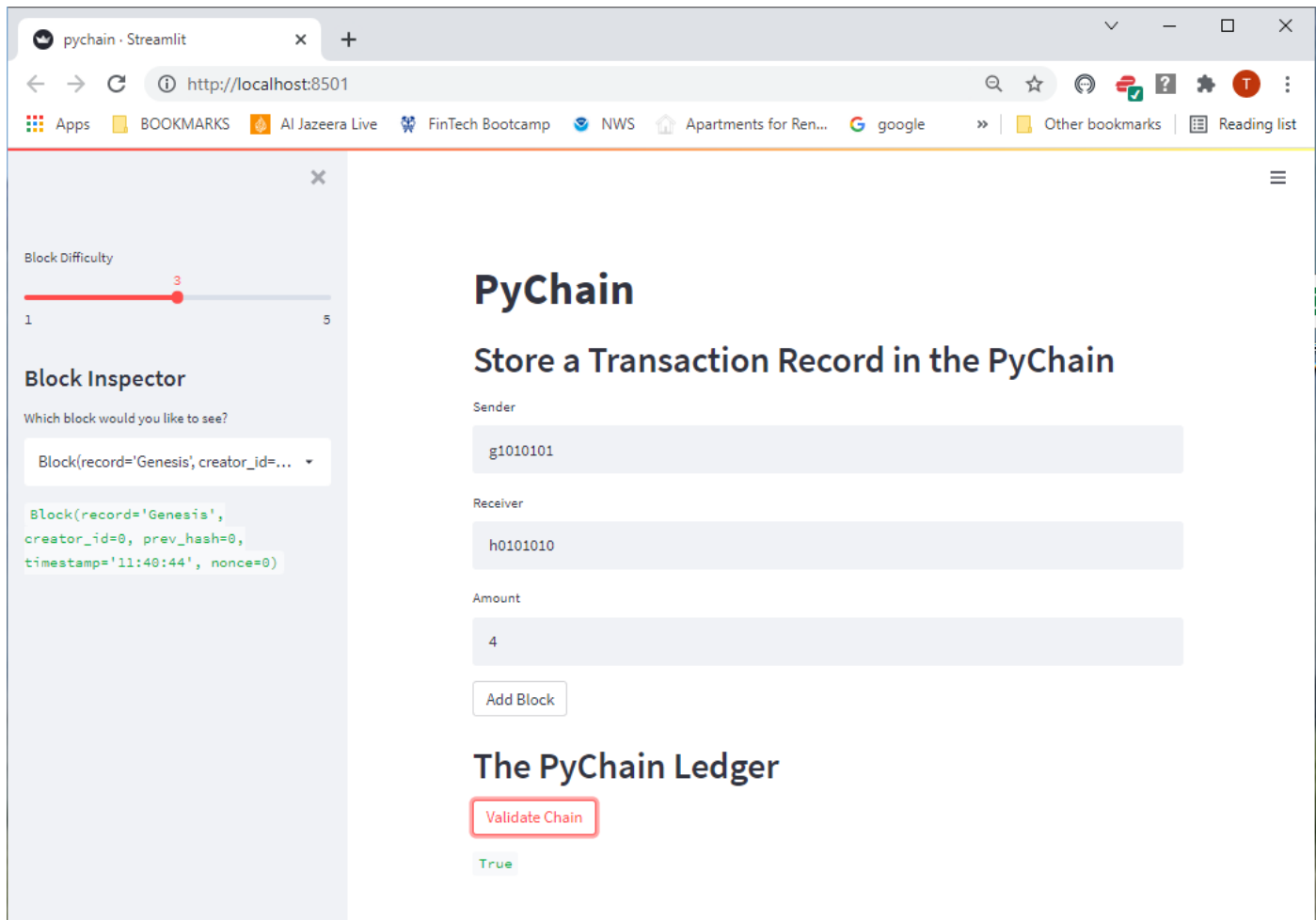
Amount

4

Add Block

The PyChain Ledger

Validate Chain



```
MINGW64:/c:/Users/moria/desktop/Module18_Challenge
$ conda activate dev
(dev)
moria@DESKTOP-KRH6VMP MINGW64 ~
$ cd desktop
(dev)
moria@DESKTOP-KRH6VMP MINGW64 ~/desktop
$ cd Module18_Challenge
(dev)
moria@DESKTOP-KRH6VMP MINGW64 ~/desktop/Module18_Challenge
$ streamlit run pychain.py

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Local URL: http://localhost:8501
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Initializing Chain
Mining Hash 046de203993688eedd39e61949e8e784a311ccd0b52dc8afce51e646a17e4490
Mining Hash 004357dad00038d0a734b677d4f23a0192d4101718990bd59a81925428d547a
Mining Hash 000899922eb35b7f99392c377cf8a213a2d449cbc7dd4240a0764644caed24bd
Mining Hash 000e37f6b2b3d10eb0ab6db8439de2e86c72eacfb5170b247c986fcf24f7b1a2
Blockchain is Valid
```