BIS 420 PROGRAMMING FOR DATA SCIENCE

PRAJAKTA POHARE

CHAPTER 14 EXERCISE 14.6

ILLINOIS STATE UNIVERSITY

The urllib module provides methods for manipulating URLs and downloading information from the web. The following example downloads and prints a secret message from thinkpython.com:

import urllibconn = urllib.urlopen('http://thinkpython.com/secret.html')

for line in conn:print line.strip()

```
import urllib.request
import ssl
import certifi

def fetch_secret():
    url = 'http://thinkpython.com/secret.html'
    context = ssl.create_default_context(cafile=certifi.where())  # Uses certifi properly

    try:
        with urllib.request.urlopen(url, context=context) as response:
            for line in response:
                print(line.decode('utf-8').strip())
    except Exception as e:
        print(f"Failed to fetch the secret message: {e}")

fetch_secret()
```

```python
import urllib.request
import ssl
import certifi

def fetch_secret():
    url = 'http://thinkpython.com/secret.html'
    context = ssl.create_default_context(cafile=certifi.where())  # Uses certifi
properly

    try:
        with urllib.request.urlopen(url, context=context) as response:
            for line in response:
                print(line.decode('utf-8').strip())
    except Exception as e:
        print(f"Failed to fetch the secret message: {e}")

fetch_secret()
```