Untitled100

June 10, 2025

```python
[4]: import threading
     import requests
     import os

     def download_file(url, filename):
         """Downloads a file from the given URL and saves it to the specified␣
      ↪filename."""
         try:
             response = requests.get(url, stream=True)
             response.raise_for_status()  # Raise an exception for bad status codes

             with open(filename, 'wb') as file:
                 for chunk in response.iter_content(chunk_size=8192):
                     file.write(chunk)
             print(f"Downloaded: {filename}")

         except requests.exceptions.RequestException as e:
             print(f"Error downloading {url}: {e}")

     def main():
         """Main function to set up and start the download threads."""
         urls = [
             ("https://docs.python.org/3/installing/index.html", "file1.html"),
             ("https://en.wikipedia.org/wiki/Vidhana_Soudha#/media/File:
      ↪Vidhana_Soudha,_14_February_2022_-_cropped.jpg", "file2.jpg"),
         ]

         threads = []
         for url, filename in urls:
             thread = threading.Thread(target=download_file, args=(url, filename))
             threads.append(thread)
             thread.start()

         for thread in threads:
             thread.join()

         print("All files downloaded successfully.")
```

```python
if __name__ == "__main__":
    main()
```

```
Downloaded: file1.html
Downloaded: file2.jpg
All files downloaded successfully.
```

[ ]: