

```

1 from flask import Flask, render_template, redirect
2 from flask_pymongo import PyMongo
3 import scrape_mars
4
5 # Create an instance of Flask
6 app = Flask(__name__)
7
8 # Use PyMongo to establish Mongo connection to mars_db database
9 mongo = PyMongo(app, uri="mongodb://localhost:27017/mars_db")
10
11 @app.route("/")
12 def index():
13     print("Querying the data")
14     marsdata = mongo.db.marsdata.find_one()
15     print("Started rendering the page...")
16     # print(marsdata.html_table)
17     return render_template("index.html", listings=marsdata)
18
19 @app.route("/scrape")
20 def scraper():
21
22     # remove previous documents before insert
23     mongo.db.marsdata.delete_many({})
24
25     # Run the scrape function
26     mars_data = scrape_mars.scrape()
27     print("Completed scraping and before insert to database")
28
29     # Insert the document into the database
30     mongo.db.marsdata.insert_one(mars_data)
31
32     print("Return back to home page")
33     # Redirect back to home page
34     return redirect("/", code=302)
35
36
37 if __name__ == "__main__":
38     app.run(debug=True)
39

```