



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

powershell + -

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Admin\OneDrive\Documents> cd flask_mysql_week7

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```
pip install Flask werkzeug mysql-connector-python --upgrade
```



EXPLORER

> OPEN EDITORS

✓ PYTHON

- > flask_mysql_week7
- > Week5
- > Week6

> OUTLINE

> TIMELINE



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

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```
Collecting protobuf<=3.20.1,>=3.11.0
  Using cached protobuf-3.20.1-cp310-cp310-win_amd64.whl (903 kB)
Collecting colorama
  Using cached colorama-0.4.5-py2.py3-none-any.whl (16 kB)
Installing collected packages: protobuf, MarkupSafe, itsdangerous, colorama, werkzeug, mysql-connector-python, Jinja2, click, Flask
Attempting uninstall: protobuf
  Found existing installation: protobuf 4.21.2
  Uninstalling protobuf-4.21.2:
    Successfully uninstalled protobuf-4.21.2
  WARNING: The script flask.exe is installed in 'C:\Users\Admin\AppData\Roaming\Python\Python310\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed Flask-2.2.1 Jinja2-3.1.2 MarkupSafe-2.1.1 click-8.1.3 colorama-0.4.5 itsdangerous-2.1.2 mysql-connector-python-8.0.30 proto
buf-3.20.1 werkzeug-2.2.1
```

[notice] A new release of pip available: 22.2 -> 22.2.2
[notice] To update, run: python.exe -m pip install --upgrade pip
PS C:\Users\Admin\OneDrive\Documents\python\flask_mysql_week7> █

```
pip install flask-cors --upgrade
```

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PS C:\Users\Admin\OneDrive\Documents\python\flask mysql week7> pip install flask-cors --upgrade

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flask_mysql_week7

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Requirement already satisfied: Flask>=0.9 in c:\users\admin\appdata\roaming\python\python310\site-packages (from flask-cors) (2.2.1)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\admin\appdata\roaming\python\python310\site-packages (from Flask>=0.9->flask-cors) (2.1.2)
Requirement already satisfied: Werkzeug>=2.2.0 in c:\users\admin\appdata\roaming\python\python310\site-packages (from Flask>=0.9->flask-cors) (2.2.1)
Requirement already satisfied: click>=8.0 in c:\users\admin\appdata\roaming\python\python310\site-packages (from Flask>=0.9->flask-cors) (8.1.3)
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Requirement already satisfied: colorama in c:\users\admin\appdata\roaming\python\python310\site-packages (from click>=8.0->Flask>=0.9->flask-cors) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\admin\appdata\roaming\python\python310\site-packages (from Jinja2>=3.0->Flask>=0.9->flask-cors) (2.1.1)
Installing collected packages: Six, flask-cors
Successfully installed Six-1.16.0 flask-cors-3.0.10

[notice] A new release of pip available: 22.2 -> 22.2.2
[notice] To update, run: python.exe -m pip install --upgrade pip
PS C:\Users\Admin\OneDrive\เอกสาร\python\flask_mysql_week7>

Simple Usage

In the simplest case, initialize the Flask-Cors extension with default arguments in order to allow CORS for all domains on all routes. See the full list of options in the [documentation](https://flask-cors.readthedocs.io/en/latest/).

```
from flask import Flask
from flask_cors import CORS

app = Flask(__name__)
CORS(app)

@app.route("/")
def helloWorld():
    return "Hello, cross-origin-world!"
```

<https://flask-cors.readthedocs.io/en/latest/>

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app.py

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2 from flask_cors import CORS
3
4 app = Flask(__name__)
5 CORS(app)
6
7 @app.route("/")
8 def helloWorld():
9     return "Hello, cross-origin-world!"
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flask_mysql_week7 > app.py > ...

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PS C:\Users\Admin\OneDrive\Documents\python\flask mysql week7> █

```
set FLASK_ENV=development
```

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app.py

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[notice] To update, run: python.exe -m pip install --upgrade pip

PS C:\Users\Admin\OneDrive\Documents> set FLASK_ENV=development

PS C:\Users\Admin\OneDrive\Documents> python flask_mysql_week7

```
python -m flask run
```

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python + - [] []

PS C:\Users\Admin\OneDrive\Documents\python\flask_mysql_week7> flask run
flask : The term 'flask' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ flask run
+ ~~~~~
+ CategoryInfo : ObjectNotFound: (flask:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\Admin\OneDrive\Documents\python\flask_mysql_week7> set FLASK_ENV=development
PS C:\Users\Admin\OneDrive\Documents\python\flask_mysql_week7> python -m flask run

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000 (Press CTRL+C to quit)
127.0.0.1 - - [08/Aug/2022 20:53:17] "GET / HTTP/1.1" 200 -

Hello, cross-origin-world!

CRUD	Task	Method	Path
Create 🖱️	สร้างแหล่งท่องเที่ยว	POST	/api/attractions
Read	เรียกดูแหล่งท่องเที่ยว ทั้งหมด	GET	/api/attractions
Read	เรียกดูแหล่งท่องเที่ยว โดยใช้ id	GET	/api/attractions/{id}
Update	แก้ไขแหล่งท่องเที่ยว	PUT	/api/attractions/{id}
Delete	ลบแหล่งท่องเที่ยว	DELETE	/api/attractions/{id}

```
from flask import Flask, request, jsonify, make_response
from flask_cors import CORS
import json
import mysql.connector
```

```
app = Flask(__name__)
app.config['JSON_AS_ASCII']=False
CORS(app)
host = "localhost"
user = "root"
password = ""
db = "flask_mysql_week7"
```



```
@app.route('/api/Travel_1')
def read():
    mydb = mysql.connector.connect(host=host, user=user, password=password, db=db)
    mycursor = mydb.cursor(dictionary=True)
    mycursor.execute("SELECT * FROM Travel_1")
    myresult = mycursor.fetchall()
    print(myresult)
    return make_response(jsonify(myresult), 200)
```

```
[{"Hotel": "The Route Sriracha Hotel And Residence", "detail": "All rooms come with a flat-screen TV with satellite channels. Certain rooms have a seating area to relax in after a busy day. A terrace or balcony are featured in certain rooms. All rooms include a private bathroom. For your comfort, you will find bathrob", "id": 1}, {"Hotel": "ซามา เลควิว อโศก กรุงเทพฯ", "detail": "ซามา เลควิว อโศก กรุงเทพฯเป็นตัวเลือกที่ยอดเยี่ยมเมื่อมาเยือนกรุงเทพมหานคร (กทม.) ที่พักแห่งนี้มอบส่วนผสมที่ลงตัวทั้งความคุ้มค่าและความสะดวกสบาย พร้อมทั้งบรรยากาศเขียวขจีรวมถึงสิ่งอำนวยความสะดวกอันหลากหลายที่ได้รับการออกแบบมาเพื่อนักท่องเที่ยวเช่นคุณ Somerse", "id": 2}]
```

```
@app.route("/api/Travel_1/<id>")
def readbyid(id):
    mydb = mysql.connector.connect(host=host, user=user, password=password, db=db)
    mycursor = mydb.cursor(dictionary=True)
    sql = "SELECT * FROM Travel_1 WHERE id = %s"
    val = (id,)
    mycursor.execute(sql, val)
    myresult = mycursor.fetchall()
    return make_response(jsonify(myresult), 200)
```

