

In [9]: `import requests`

```
url = "http://www.dneonline.com/calculator.asmx?op=wsdl"

headers = {'Content-Type': 'text/xml'}
body = """<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Add xmlns="http://tempuri.org/">
      <intA>5</intA>
      <intB>2</intB>
    </Add>
  </soap:Body>
</soap:Envelope>"""

response = requests.post(url, data=body, headers=headers)

with open("suma.txt", "w") as file:
    file.write(f"Request:\n{body}\n\nResponse:\n{response.text}")
```

In [2]: `pip install requests`

```
Requirement already satisfied: requests in c:\users\luis6\anaconda3\lib\site-packages (2.31.0)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\luis6\anaconda3\lib\site-packages (from requests) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\users\luis6\anaconda3\lib\site-packages (from requests) (3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\luis6\anaconda3\lib\site-packages (from requests) (1.26.16)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\luis6\anaconda3\lib\site-packages (from requests) (2023.7.22)
Note: you may need to restart the kernel to use updated packages.
```

In [8]: `import requests`

```
url = "http://www.dneonline.com/calculator.asmx?op=Divide"
headers = {'Content-Type': 'text/xml'}
body = """<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Divide xmlns="http://tempuri.org/">
      <intA>10</intA>
      <intB>2</intB>
    </Divide>
  </soap:Body>
</soap:Envelope>"""
```

```
response = requests.post(url, data=body, headers=headers)
with open("divides.txt", "w") as file:
    file.write(f"Request:\n{body}\n\nResponse:\n{response.text}")
```

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In [17]: `pip install mysql`

Collecting mysql

Obtaining dependency information for mysql from <https://files.pythonhosted.org/packages/9a/52/8d29c58f6ae448a72fbc612955bd31accb930ca479a7ba7197f4ae4edec2/mysql-0.0.3-py3-none-any.whl.metadata>

Downloading mysql-0.0.3-py3-none-any.whl.metadata (746 bytes)

Collecting mysqlclient (from mysql)

Obtaining dependency information for mysqlclient from [https://files.pythonhosted.org/packages/64/0c/338ff73f627db62f2c321bcd61eddb80a384933aa543e3f59821b3c9756/mysqlclient-2.2.4-cp311-cp311-win\\_amd64.whl.metadata](https://files.pythonhosted.org/packages/64/0c/338ff73f627db62f2c321bcd61eddb80a384933aa543e3f59821b3c9756/mysqlclient-2.2.4-cp311-cp311-win_amd64.whl.metadata)

Downloading mysqlclient-2.2.4-cp311-cp311-win\_amd64.whl.metadata (4.6 kB)

Downloading mysql-0.0.3-py3-none-any.whl (1.2 kB)

Downloading mysqlclient-2.2.4-cp311-cp311-win\_amd64.whl (203 kB)

----- 0.0/203.2 kB ? eta -:-:--

--- ----- 20.5/203.2 kB 320.0 kB/s eta 0:00:01

----- 41.0/203.2 kB 388.9 kB/s eta 0:00:01

----- 71.7/203.2 kB 491.5 kB/s eta 0:00:01

----- 143.4/203.2 kB 774.0 kB/s eta 0:00:01

----- 203.2/203.2 kB 945.8 kB/s eta 0:00:00

Installing collected packages: mysqlclient, mysql

Successfully installed mysql-0.0.3 mysqlclient-2.2.4

Note: you may need to restart the kernel to use updated packages.

In [3]: `pip install mysql-connector`

Collecting mysql-connector

Downloading mysql-connector-2.2.9.tar.gz (11.9 MB)

```
----- 0.0/11.9 MB ? eta --:--:--
----- 0.0/11.9 MB ? eta --:--:--
----- 0.0/11.9 MB 217.9 kB/s eta 0:00:55
----- 0.0/11.9 MB 245.8 kB/s eta 0:00:49
----- 0.1/11.9 MB 476.3 kB/s eta 0:00:25
----- 0.2/11.9 MB 794.9 kB/s eta 0:00:15
- ----- 0.3/11.9 MB 1.1 MB/s eta 0:00:11
- ----- 0.5/11.9 MB 1.5 MB/s eta 0:00:08
--- ----- 0.9/11.9 MB 2.5 MB/s eta 0:00:05
---- ----- 1.2/11.9 MB 2.9 MB/s eta 0:00:04
----- 2.1/11.9 MB 4.5 MB/s eta 0:00:03
----- 3.0/11.9 MB 5.8 MB/s eta 0:00:02
----- 4.2/11.9 MB 7.7 MB/s eta 0:00:01
----- 4.7/11.9 MB 7.9 MB/s eta 0:00:01
----- 5.2/11.9 MB 8.0 MB/s eta 0:00:01
----- 5.4/11.9 MB 8.1 MB/s eta 0:00:01
----- 5.4/11.9 MB 8.1 MB/s eta 0:00:01
----- 5.4/11.9 MB 8.1 MB/s eta 0:00:01
----- 5.4/11.9 MB 8.1 MB/s eta 0:00:01
----- 5.9/11.9 MB 6.7 MB/s eta 0:00:01
----- 6.1/11.9 MB 6.8 MB/s eta 0:00:01
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----- 6.1/11.9 MB 6.8 MB/s eta 0:00:01
----- 7.8/11.9 MB 7.0 MB/s eta 0:00:01
----- 7.8/11.9 MB 7.0 MB/s eta 0:00:01
----- 10.6/11.9 MB 11.1 MB/s eta 0:00:01
----- 11.0/11.9 MB 11.5 MB/s eta 0:00:01
----- 11.5/11.9 MB 11.7 MB/s eta 0:00:01
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----- 11.8/11.9 MB 11.3 MB/s eta 0:00:01
----- 11.9/11.9 MB 10.4 MB/s eta 0:00:00
```

Preparing metadata (setup.py): started

Preparing metadata (setup.py): finished with status 'done'

Building wheels for collected packages: mysql-connector

Building wheel for mysql-connector (setup.py): started

Building wheel for mysql-connector (setup.py): finished with status 'done'

Created wheel for mysql-connector: filename=mysql\_connector-2.2.9-cp311-cp311-win\_amd64.whl size=247958 sha256=9dfe264c82b7f1ad41c9a888ceb006c7268a863dfd8fe02f842a94f8090fa215

Stored in directory: c:\users\luis6\appdata\local\pip\cache\wheels\17\cd\ed\2d49e9bac69cf09382e4c7cc20a2511202b48324b87db26019

Successfully built mysql-connector

Installing collected packages: mysql-connector

Successfully installed mysql-connector-2.2.9

Note: you may need to restart the kernel to use updated packages.

```
In [4]: import mysql.connector
conn = mysql.connector.connect(
    hostname="127.0.0.1",
    port="1521"
    user="QACentral"
    password="QACentral123"
    database="PRACTICAS"
)

cursor = conn.cursor()

class Practica:
    def __init__(self, connection):
        self.connection = connection
        self.cursor = connection.cursor()

    def insertar(self, id_res, metodo, text):
        sql = "INSERT INTO TABLA TAPRACTICA (ID_RES, METODO, RESULTADO) VALUES(%s,%s,%s)"
        self.cursor.execute(sql, (id_r, metodo, text))
        self.connection.commit()

    def close(self):
        self.cursor.close()
        self.connection.close()

practica= Practica(conn)
practica.insertar(1,"hola",5)
practica.insertar(4,"hola",7)
practica.close()
```

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```
In [ ]: def contarr():
    ejec = "select ID_RES, COUNT(*) AS SUMAT FROM TAPRACTICAS"
    cursor.execute(ejec)
    if (ID_RES, SUMAT) in cursor:
        print(f"el numero de ids es:{SUMAT}")
def metodo():
    A = input("ingresa el doto de busqueda:")
    ejec = "select * from TAPRACTICAS FROM METODO = "a"
```

```
cursor.execute(ejec)
if row in cursor:
    print(row)
```

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```
In [ ]: def fecha():
        consulta= "select DATE_FORMAT('%d/%m%Y') as fechaif"
        cursor.execute(consulta)
        if (feachif) in cursor:
            print(f"la fecha es:{fechaif}")
```

```
In [ ]:
```

```
In [ ]: class persona:
        def __init__(self, nombre, edad):
            self.nombre = nombre
            self.edad = edad
        def set_nombre(self, nombre):
            self.nombre = nombre
        def get_nombre(self):
            self.nombre = nombre
        def set_edad(self, edad):
            self.edad = edad
        def get_edad(self):
            self.edad = edad
    class estudiante:
        def __init__(self, nombre, edad, matricula, carrera):
            super().__init__(nombre, edad)
            self.matricula = matricula
            self.carrera = carrera
        def set_matricula(self, matricula):
            self.matricula = matricula
        def get_matricula(self):
            self.matricula = matricula
        def set_carrera(self, carrera):
            self.carrera = carrera
        def get_carrera(self):
            self.carrera = carrera
    class docente:
        def __init__(self, nombre, edad, materia):
            super().__init__(nombre, edad)
            self.materia = materia
        def set_materia(self, materia):
```

```
        self.materia = materia
def get_materia(self):
    self.materia = materia
```