

Laboratorium 5

Zadanie 1

```
import sqlite3

def all_operation_on_db():
    connector = sqlite3.connect('employees.db')
    print("employees.db is created")

    connector.execute('create table emp(name TEXT, surname TEXT, emp_number TEXT, address TEXT)')
    print("Table employees has been created")

    cursor = connector.cursor()
    cursor.execute("insert into emp (name,surname,emp_number,address)values(?,?,?,?)",
                    ('Wojciech', 'Pietruszynski', '1', '82-300 Elbląg ul.Tajemnicza 5/4'))
    cursor.execute("insert into emp (name,surname,emp_number,address)values(?,?,?,?)",
                    ('Jan', 'Kowalski', '2', '82-300 Elbląg ul.Zimna 511/9'))

    print(cursor.fetchall())

    connector.commit()
    connector.close()

if __name__ == '__main__':
    all_operation_on_db()
```

Zadanie 2

```
from flask import Flask, render_template, request
import sqlite3 as sql

app = Flask(__name__)

@app.route("/")
def main():
    return render_template('index.html')

@app.route("/add")
def new_student():
    return render_template('add.html')
```

```

@app.route("/list")
def list():
    connector = sql.connect("employees.db")
    connector.row_factory = sql.Row
    cursor = connector.cursor()
    cursor.execute('select * from emp order by name')
    row = cursor.fetchall()
    return render_template('list.html', row=row)

@app.route('/addrec', methods=['POST', 'GET'])
def addrec():
    if request.method == 'POST':
        try:
            emp_number = request.form['emp_number']
            name = request.form['name']
            surname = request.form['surname']
            address = request.form['address']

            with sql.connect("employees.db") as connector:
                cursor = connector.cursor()
                cursor.execute("insert into emp
(emp_number,name,surname,address) values (?, ?, ?, ?)",
                             (emp_number, name, surname, address))

                connector.commit()
                msg = "Rekord zapisany"

        except:
            connector.rollback()
            msg = "Nie udało się zapisać rekordu"

        finally:
            return render_template('result.html', msg=msg)

if __name__ == "__main__":
    app.run(debug=True)

```

Zrzuty ekranu z przeglądarki :



[Strona główna](#) [Dodaj](#) [Lista](#)

Dodaj pracownika

Imię

Nazwisko

Adres

Numer pracownika

Zapisz

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Rezultat dodawania rekordu : Rekord zapisany

[Powrót do strony głównej](#)

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44	Adam	Kowalski	Jaśminowa
17	Edmund	KOlalski	
2	Jan	Kowalski	82-300 Elbląg ul.Zimna 511/9
14	Piotr	Jakiś	Poznań
1	Wojciech	Pietruszynski	82-300 Elbląg ul.Tajemnicza 5/4
3	zzz	zzz	zzz