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Database helper class.
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"""
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```
import pymysql
import dbconfig
```

```
class DBHelper:
```

```
    def connect(self, database="crimemap"):
        return pymysql.connect(host='localhost',
                               user=dbconfig.db_user,
                               passwd=dbconfig.db_password,
                               db=database)
```

```
    def get_all_inputs(self):
        connection = self.connect()
        try:
            query = "SELECT description FROM crimes;"
            with connection.cursor() as cursor:
                cursor.execute(query)
            return cursor.fetchall()
        finally:
            connection.close()
```

```
    def add_input(self, data):
        connection = self.connect()
        try:
            # This will cause a security flaw.
            query = "INSERT INTO crimes (description) VALUES ('{}');".format(data)
            with connection.cursor() as cursor:
                cursor.execute(query)
                connection.commit()
        finally:
            connection.close()
```

```
    def clear_all(self):
        connection = self.connect()
        try:
            query = "DELETE FROM crimes;"
            with connection.cursor() as cursor:
                cursor.execute(query)
                connection.commit()
        finally:
            connection.close()
```