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Database Development and Use

Movies: Setup

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```
mysql> SHOW TABLES;
+------------------+
| Tables_in_movies |
+------------------+
| film             |
| genre            |
| studio           |
+------------------+
3 rows in set (0.02 sec)
```

```python
1
2   import mysql.connector
3   from mysql.connector import errorcode
4
5   config = {
6       "user": "ktaylor",
7       "password": "kendall",
8       "host": "127.0.0.1",
9       "database": "movies",
10      "raise_on_warnings": True
11  }
12  try:
13      db = mysql.connector.connect(**config)
14      print("\n Database user {} connected to MySQL on host {} with database
    {}".format(config["user"]),(config["host"]),(config["database"]))
15      input("\n\n Press any key to continue")
16  except mysql.connector.Error as err:
17      if err.errno == errorcode.ER_ACCESS_DENIED_ERROR:
18          print("The supplied username or password are invalid")
19      elif err.errno == errorcode.ER_BAD_DB_ERROR:
20          print("The specified database does not exist")
21      else:
22          print(err)
23  finally:
24      db.close()
```