

```
# Python program for select query using join (inner join) in MYSQL database
```

```
import mysql.connector as SQLCON
```

```
# Connecting to the server
```

```
conn = SQLCON.connect(user = 'test_user',  
                      password = 'Test123',  
                      host = 'localhost',  
                      database= 'matdeck')
```

```
# Preparing a cursor object
```

```
cursorObj=conn.cursor()
```

```
#Print all from table 'software'
```

```
cursorObj.execute("SELECT * FROM software")
```

```
records = cursorObj.fetchall()
```

```
print("Table 'software' data:")
```

```
for row in records:
```

```
    print(row)
```

```
print("\n")
```

```
#Print all from table 'company'
```

```
cursorObj.execute("SELECT * FROM company")
```

```
records = cursorObj.fetchall()
```

```
print("Table 'company' data:")
```

```
for row in records:
```

```
    print(row)
```

```
print("\n")
```

```
# Select query with inner join
```

```
cursorObj.execute("SELECT software.Name as 'Software', company.Name  
as 'Company' FROM software JOIN company ON software.Number =  
company.Number")
```

```
# Display query results
```

```
records = cursorObj.fetchall()
```

```
print("Inner join results:")
```

```
for row in records:
```

```
    print(row)
```

```
# Disconnecting from the server
```

```
conn.close()
```