

# 17. ILLUSTRATION OF CONNECTIVITY PROGRAMMING-I

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Integrate SQL with Python by importing the MYSQL module and to implement the DML command (SELECT). Create a table STUDENT (Roll, Name, Stream, Section). Populate the table with 4 records of your choice. Display all the records of student table.

## Source Code

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```
import mysql.connector as msc

try: # Using a try block to catch errors
    conn = msc.connect(host='localhost',user='root',password='password',datab

    if (conn.is_connected()): #checking if the connection is established
        print('Connected')
    else:
        print('Connection not established')

    cur = conn.cursor()

    cur.execute('select * from student')
    rows = cur.fetchall() #retrieving data from the result set

    print('Data from the student table is as follows:\n')

    for i in rows: #displaying the table
        print(i[0], ' ', i[1], ' ', i[2], ' ', i[3])

    cur.close()
    conn.close()

except Exception as e:
    print(e)
```

## OUTPUT

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```
Connected
Data from the student table is as follows:
```

1	Alice	COMPUTER SCIENCE	A
2	Bob	COMMERCE B	
3	Charlie	HUMANITIES	C
4	David	COMPUTER SCIENCE	D