```
import _mysql

# Establish the database connection
conn = _mysql.connect("localhost",
                      "root",
                      "",
                      "employee")

print ("Connection Established Successfully")

print ("------------------------------------------------------")

# Form the insert query
sql = "INSERT INTO emp(emp_name, dept_id) VALUES('Gopal', 13)"
conn.query(sql)

print ("------------------------------------------------------")

# Form the update query
sql = "UPDATE emp SET emp_name = 'Yuvarani' WHERE emp_id BETWEEN 13 AND
17"
conn.query(sql)

print ("------------------------------------------------------")

# Form the delete query
sql = "DELETE FROM emp WHERE emp_name = 'Smith'"
conn.query(sql)

print ("------------------------------------------------------")

# Form the query
sql = "SELECT emp_id, emp_name FROM emp"

# Execute the query
conn.query(sql)
print ("Query has been executed successfully")

print ("------------------------------------------------------")

# Store the result set
all_recs = conn.store_result()

# Get the number of records
no_of_recs = all_recs.num_rows()
print ("Number of Records ->", no_of_recs)

print ("------------------------------------------------------")
```


```
# Retrieve the records one by one
print ("Retrieving the records one by one")
'''
rec = all_recs.fetch_row()
while (rec):
  for eid, ename in rec:
    name = str(ename, 'utf-8')
    print (eid, '->', name)

  rec = all_recs.fetch_row()
'''
print ("-------------------------------------------------------------")

print ("Retrieving the records in batches")
recs = all_recs.fetch_row(maxrows=5)
while (recs):
  print ("Displaying 5 Records")
  for eid, ename in recs:
    name = str(ename, 'utf-8')
    print (eid, '->', name)

  recs = all_recs.fetch_row(maxrows=5)

print ("-------------------------------------------------------------")

# Close the database connection
conn.close()
print ("Database Connection Closed")

print ("-------------------------------------------------------------")
```