



App6: Write a program to update employee salaries with increment for the certain range with dynamic input.

Eg: Increment all employee salaries by 500 whose salary < 5000

```
1) import cx_Oracle
2) try:
3)     con=cx_Oracle.connect('scott/tiger@localhost')
4)     cursor=con.cursor()
5)     increment=float(input("Enter Increment Salary:"))
6)     salrange=float(input("Enter Salary Range:"))
7)     sql="update employees set esal=esal+%f where esal<%f"
8)     cursor.execute(sql %(increment, salrange))
9)     print("Records Updated Successfully")
10)    con.commit()
11) except cx_Oracle.DatabaseError as e:
12)     if con:
13)         con.rollback()
14)     print("There is a problem with sql :", e)
15) finally:
16)     if cursor:
17)         cursor.close()
18)     if con:
19)         con.close()
```

App7: Write a program to delete employees whose salary greater provided salary as dynamic input?

Eg: delete all employees whose salary > 5000

```
1) import cx_Oracle
2) try:
3)     con=cx_Oracle.connect('scott/tiger@localhost')
4)     cursor=con.cursor()
5)     cutoffsalary=float(input("Enter CutOff Salary:"))
6)     sql="delete from employees where esal>%f"
7)     cursor.execute(sql %(cutoffsalary))
8)     print("Records Deleted Successfully")
9)     con.commit()
10) except cx_Oracle.DatabaseError as e:
11)     if con:
12)         con.rollback()
13)     print("There is a problem with sql :", e)
14) finally:
15)     if cursor:
16)         cursor.close()
17)     if con:
18)         con.close()
```

App8: Write a program to select all employees info by using fetchone() method?

```
1) import cx_Oracle
2) try:
3)     con=cx_Oracle.connect('scott/tiger@localhost')
4)     cursor=con.cursor()
5)     cursor.execute("select * from employees")
6)     row=cursor.fetchone()
7)     while row is not None:
8)         print(row)
9)         row=cursor.fetchone()
10) except cx_Oracle.DatabaseError as e:
11)     if con:
12)         con.rollback()
13)     print("There is a problem with sql :", e)
14) finally:
15)     if cursor:
16)         cursor.close()
17)     if con:
18)         con.close()
```