Nama : Kevin Hansa Wardhana
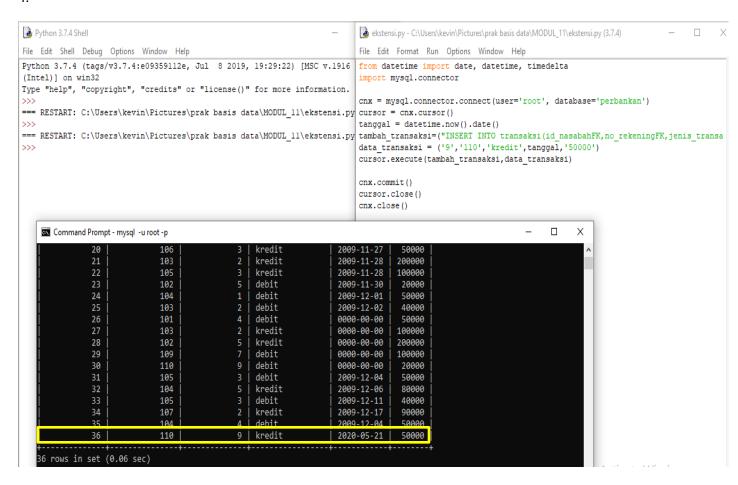
NIM : L200180004
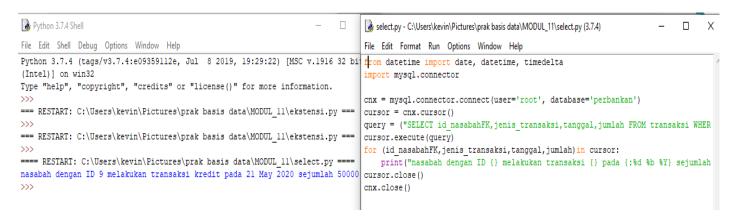
Kelas : A

Praktikum Sistem Basis Data Modul 11
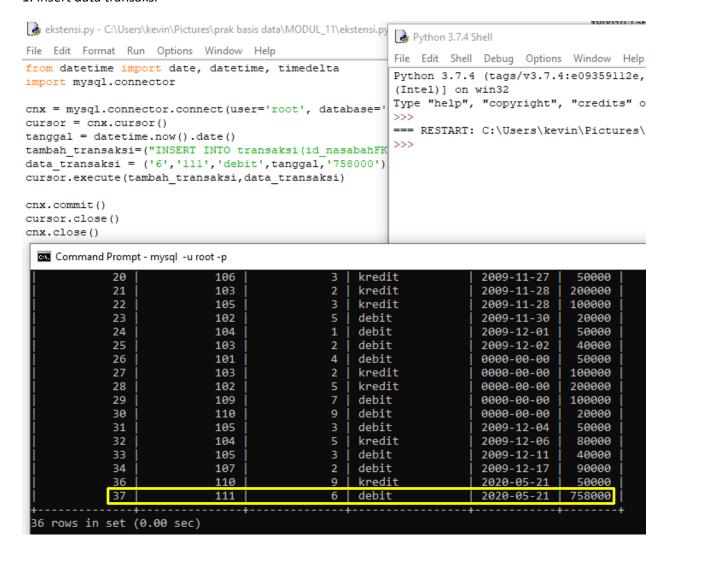
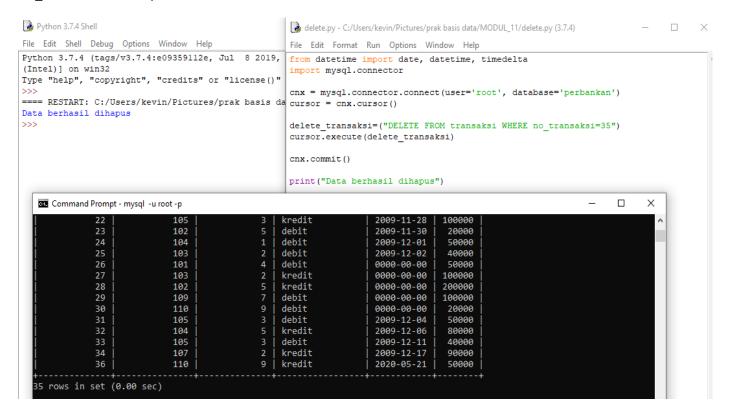Latihan

4.

5.

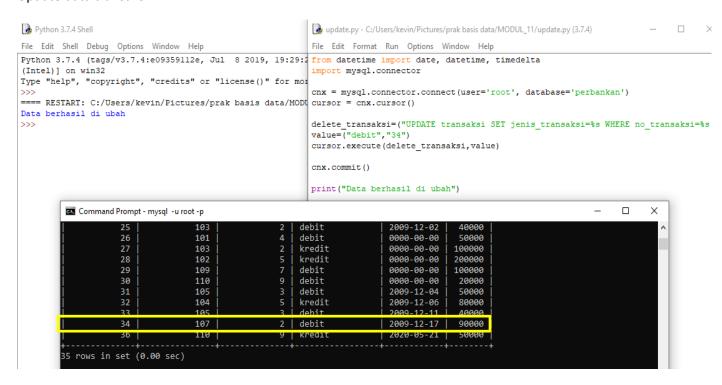
Tugas

1. Insert data transaksi
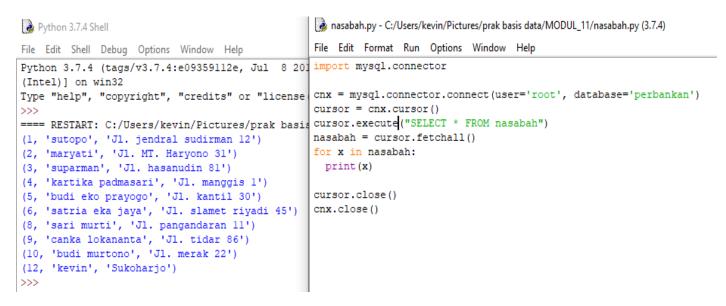
Delete data transaksi

No_transaksi= 35 dihapus dari data transaksi

Python 3.7.4 Shell

```
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019,
(Intel)] on win32
Type "help", "copyright", "credits" or "license()"
>>>
==== RESTART: C:/Users/kevin/Pictures/prak basis da
Data berhasil dihapus
>>>
```

delete.py - C:/Users/kevin/Pictures/prak basis data/MODUL_11/delete.py (3.7.4)

```python
from datetime import date, datetime, timedelta
import mysql.connector

cnx = mysql.connector.connect(user='root', database='perbankan')
cursor = cnx.cursor()

delete_transaksi=("DELETE FROM transaksi WHERE no_transaksi=35")
cursor.execute(delete_transaksi)

cnx.commit()

print("Data berhasil dihapus")
```

Command Prompt - mysql -u root -p

```
|    22 |          105 |        3 | kredit        | 2009-11-28 | 100000 |
|    23 |          102 |        5 | debit         | 2009-11-30 |  20000 |
|    24 |          104 |        1 | debit         | 2009-12-01 |  50000 |
|    25 |          103 |        2 | debit         | 2009-12-02 |  40000 |
|    26 |          101 |        4 | debit         | 0000-00-00 |  50000 |
|    27 |          103 |        2 | kredit        | 0000-00-00 | 100000 |
|    28 |          102 |        5 | kredit        | 0000-00-00 | 200000 |
|    29 |          109 |        7 | debit         | 0000-00-00 | 100000 |
|    30 |          110 |        9 | debit         | 0000-00-00 |  20000 |
|    31 |          105 |        3 | debit         | 2009-12-04 |  50000 |
|    32 |          104 |        5 | kredit        | 2009-12-06 |  80000 |
|    33 |          105 |        3 | debit         | 2009-12-11 |  40000 |
|    34 |          107 |        2 | kredit        | 2009-12-17 |  90000 |
|    36 |          110 |        9 | kredit        | 2020-05-21 |  50000 |
+-------------+--------------+----------+---------------+------------+--------+
35 rows in set (0.00 sec)
```

Update data transaksi

Python 3.7.4 Shell

```
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019, 19:29:2
(Intel)] on win32
Type "help", "copyright", "credits" or "license()" for mo
>>>
==== RESTART: C:/Users/kevin/Pictures/prak basis data/MODU
Data berhasil di ubah
>>>
```

update.py - C:/Users/kevin/Pictures/prak basis data/MODUL_11/update.py (3.7.4)

```python
from datetime import date, datetime, timedelta
import mysql.connector

cnx = mysql.connector.connect(user='root', database='perbankan')
cursor = cnx.cursor()

delete_transaksi=("UPDATE transaksi SET jenis_transaksi=%s WHERE no_transaksi=%s
value=("debit","34")
cursor.execute(delete_transaksi,value)

cnx.commit()

print("Data berhasil di ubah")
```

Command Prompt - mysql -u root -p

```
|    25 |          103 |        2 | debit         | 2009-12-02 |  40000 |
|    26 |          101 |        4 | debit         | 0000-00-00 |  50000 |
|    27 |          103 |        2 | kredit        | 0000-00-00 | 100000 |
|    28 |          102 |        5 | kredit        | 0000-00-00 | 200000 |
|    29 |          109 |        7 | debit         | 0000-00-00 | 100000 |
|    30 |          110 |        9 | debit         | 0000-00-00 |  20000 |
|    31 |          105 |        3 | debit         | 2009-12-04 |  50000 |
|    32 |          104 |        5 | kredit        | 2009-12-06 |  80000 |
|    33 |          105 |        3 | debit         | 2009-12-11 |  40000 |
|    34 |          107 |        2 | debit         | 2009-12-17 |  90000 |
|    36 |          110 |        9 | kredit        | 2020-05-21 |  50000 |
+-------------+--------------+----------+---------------+------------+--------+
35 rows in set (0.00 sec)
```

2. Menampilkan data nasabah

```
Python 3.7.4 Shell
File  Edit  Shell  Debug  Options  Window  Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 20)
(Intel)] on win32
Type "help", "copyright", "credits" or "license
>>>
==== RESTART: C:/Users/kevin/Pictures/prak basis
(1, 'sutopo', 'Jl. jendral sudirman 12')
(2, 'maryati', 'Jl. MT. Haryono 31')
(3, 'suparman', 'Jl. hasanudin 81')
(4, 'kartika padmasari', 'Jl. manggis 1')
(5, 'budi eko prayogo', 'Jl. kantil 30')
(6, 'satria eka jaya', 'Jl. slamet riyadi 45')
(8, 'sari murti', 'Jl. pangandaran 11')
(9, 'canka lokananta', 'Jl. tidar 86')
(10, 'budi murtono', 'Jl. merak 22')
(12, 'kevin', 'Sukoharjo')
>>>
```

```
nasabah.py - C:/Users/kevin/Pictures/prak basis data/MODUL_11/nasabah.py (3.7.4)
File  Edit  Format  Run  Options  Window  Help
import mysql.connector

cnx = mysql.connector.connect(user='root', database='perbankan')
cursor = cnx.cursor()
cursor.execute("SELECT * FROM nasabah")
nasabah = cursor.fetchall()
for x in nasabah:
    print(x)

cursor.close()
cnx.close()
```

3. Menampilkan transaksi antara bulan oktober sampai desember

```
Python 3.7.4 Shell
File  Edit  Shell  Debug  Options  Window  Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2
(Intel)] on win32
Type "help", "copyright", "credits" or "licen
>>>
==== RESTART: C:/Users/kevin/Pictures/prak ba
(1, 'sutopo', 'Jl. jendral sudirman 12')
(2, 'maryati', 'Jl. MT. Haryono 31')
(3, 'suparman', 'Jl. hasanudin 81')
(4, 'kartika padmasari', 'Jl. manggis 1')
(5, 'budi eko prayogo', 'Jl. kantil 30')
(9, 'canka lokananta', 'Jl. tidar 86')
(10, 'budi murtono', 'Jl. merak 22')
>>>
```

```
*nasabah.py - C:/Users/kevin/Pictures/prak basis data/MODUL_11/nasabah.py (3.7.4)*
File  Edit  Format  Run  Options  Window  Help
import mysql.connector

cnx = mysql.connector.connect(user='root', database='perbankan')
cursor = cnx.cursor()
cursor.execute("""SELECT * FROM nasabah
                WHERE nasabah.id_nasabah IN(select transaksi.id_nasabahFK
                FROM transaksi where tanggal between '2009-11-10' AND '2009-12-06')""")
nasabah = cursor.fetchall()
for x in nasabah:
    print(x)

cursor.close()
cnx.close()
```