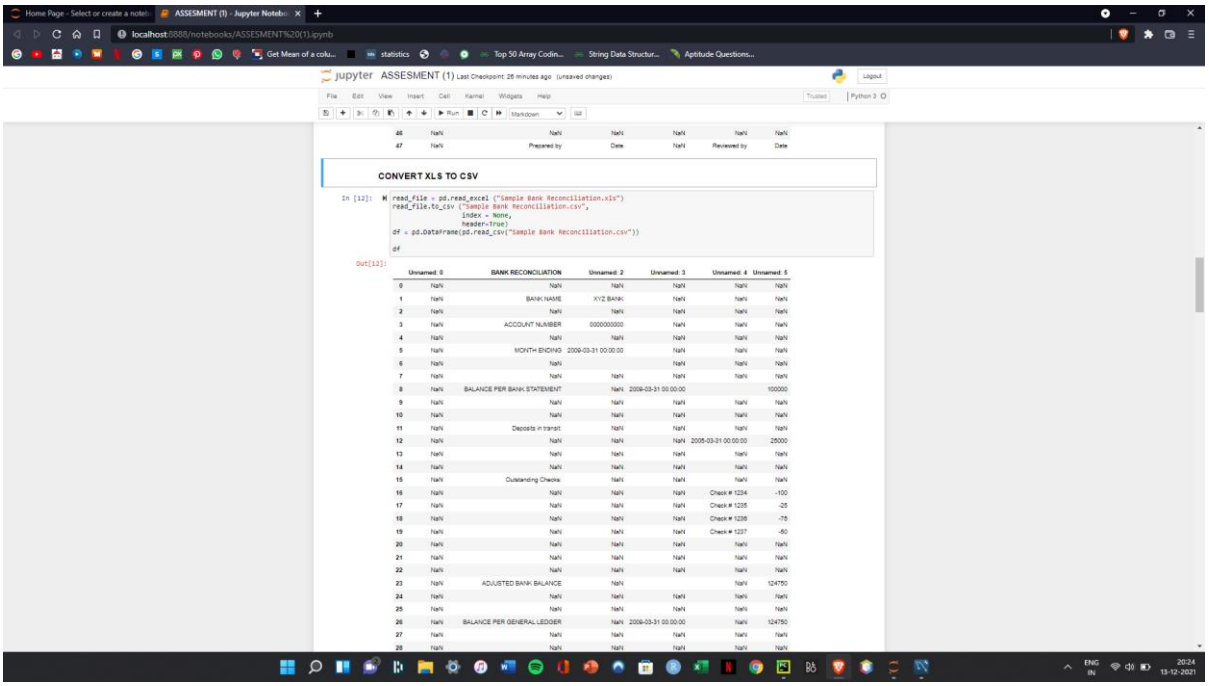
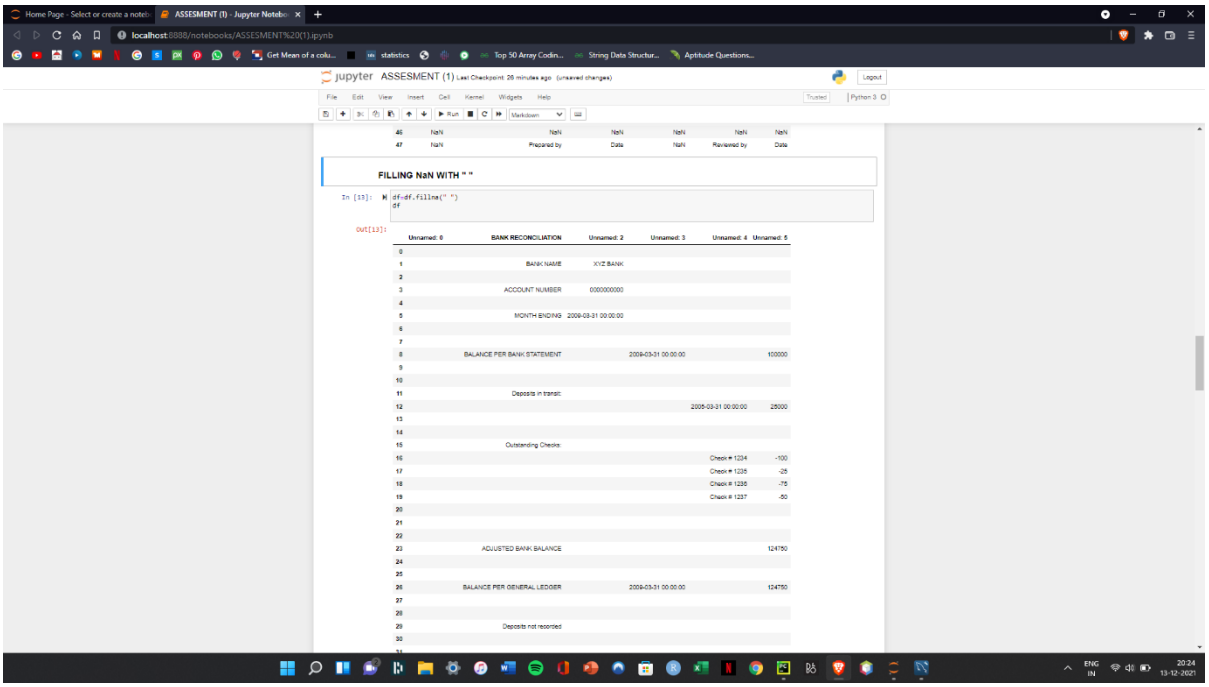
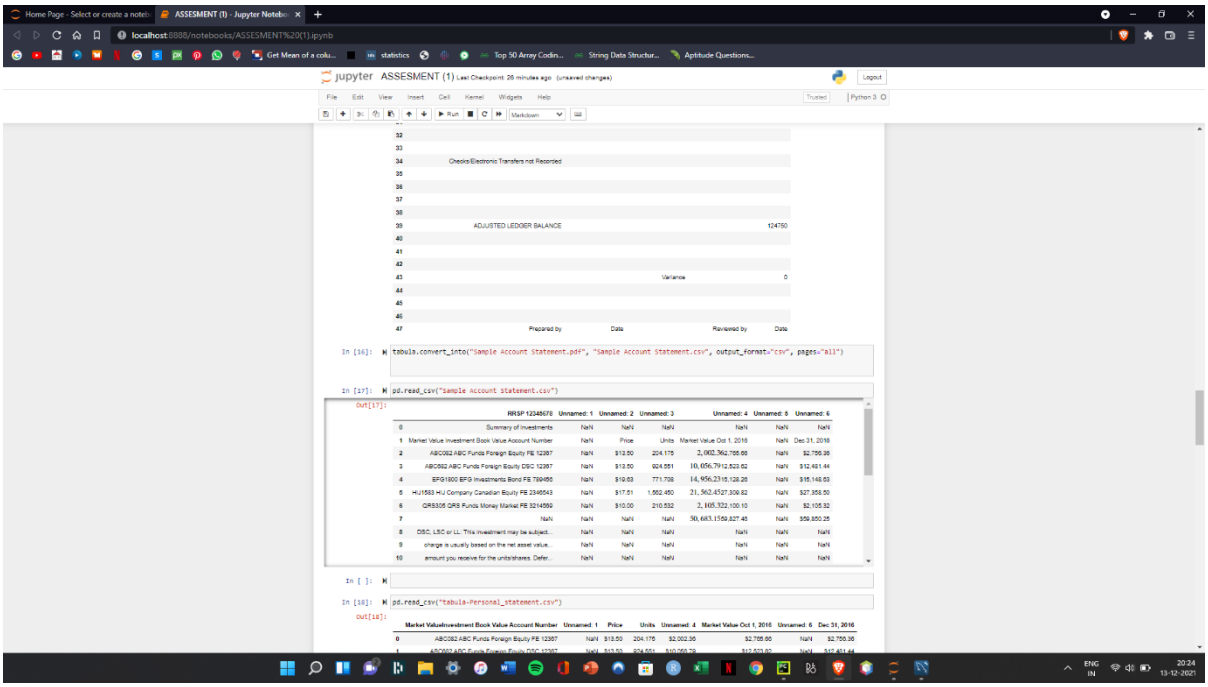
OUTPUT SCREENSHOTS

JUPYTER NOTEBOOK







32									
33									
34	Checks/Electronic Transfers not Recorded								
35									
36									
37									
38									
39	ADJUSTED LEDGER BALANCE								124750
40									
41									
42									
43								Variance	0
44									
45									
46									
47	Prepared by			Date			Reviewed by		Date

In [16]:
```
tabula.convert_into("Sample Account Statement.pdf", "Sample Account Statement.csv", output_format="csv", pages="all")
```

In [17]:
```
pd.read_csv("Sample Account Statement.csv")
```

Out[17]:

	RRSP 12345678	Unnamed: 1	Unnamed: 2	Unnamed: 3	Unnamed: 4	Unnamed: 5	Unnamed: 6
0	Summary of Investments	NaN	NaN	NaN	NaN	NaN	NaN
1	Market Value Investment Book Value Account Number	NaN	Price	Units	Market Value Oct 1, 2016	NaN	Dec 31, 2016
2	ABC082 ABC Funds Foreign Equity FE 12387	NaN	$13.50	204.175	2,002.36	NaN	$2,756.36
3	ABC682 ABC Funds Foreign Equity DSC 12387	NaN	$13.50	924.551	10,056.7912,523.62	NaN	$12,461.44
4	EFG1600 EFG Investments Bond FE 789456	NaN	$19.63	771.708	14,956.2315,128.26	NaN	$15,148.63
5	HUI1583 HU Company Canadian Equity FE 2346543	NaN	$17.51	1,562.450	21,562.4527,309.82	NaN	$27,358.50
6	QRS305 QRS Funds Money Market FE 3214569	NaN	$10.00	210.532	2,105.322,100.10	NaN	$2,105.32
7	NaN	NaN	NaN	NaN	50,683.1559,827.46	NaN	$59,850.25
8	DSC, LSC or LL: This investment may be subject...	NaN	NaN	NaN	NaN	NaN	NaN
9	charge is usually based on the net asset value...	NaN	NaN	NaN	NaN	NaN	NaN
10	amount you receive for the units/shares. Defer...	NaN	NaN	NaN	NaN	NaN	NaN

In [ ]:
```

```

In [18]:
```
pd.read_csv("tabula-Personal_statement.csv")
```

Out[18]:

	Market ValueInvestment Book Value Account Number	Unnamed: 1	Price	Units	Unnamed: 4	Market Value Oct 1, 2016	Unnamed: 6	Dec 31, 2016
0	ABC082 ABC Funds Foreign Equity FE 12387	NaN	$13.50	204.175	$2,002.36	$2,756.66	NaN	$2,756.36
1	ABC682 ABC Funds Foreign Equity DSC 12387	NaN	$13.50	924.551	$10,056.79	$12,523.62	NaN	$12,461.44
2	EFG1600 EFG Investments Bond FE 789456	NaN	$19.63	771.708	$14,956.23	$15,128.26	NaN	$15,148.63
3	HUI1583 HU Company Canadian Equity FE 2346543	NaN	$17.51	1,562.450	$21,562.45	$27,309.82	NaN	$27,358.50
4	QRS305 QRS Funds Money Market FE 3214569	NaN	$10.00	210.532	$2,105.32	$2,100.10	NaN	$2,105.32
5	NaN	NaN	NaN	NaN	$50,683.15	$59,827.46	NaN	$59,850.25

In [19]:
```
df1=pd.read_csv("Summary of Investment.csv")
del df1['Unnamed: 1']
del df1['Unnamed: 6']
df1=df1.fillna(" ")
df1
```

Out[19]:

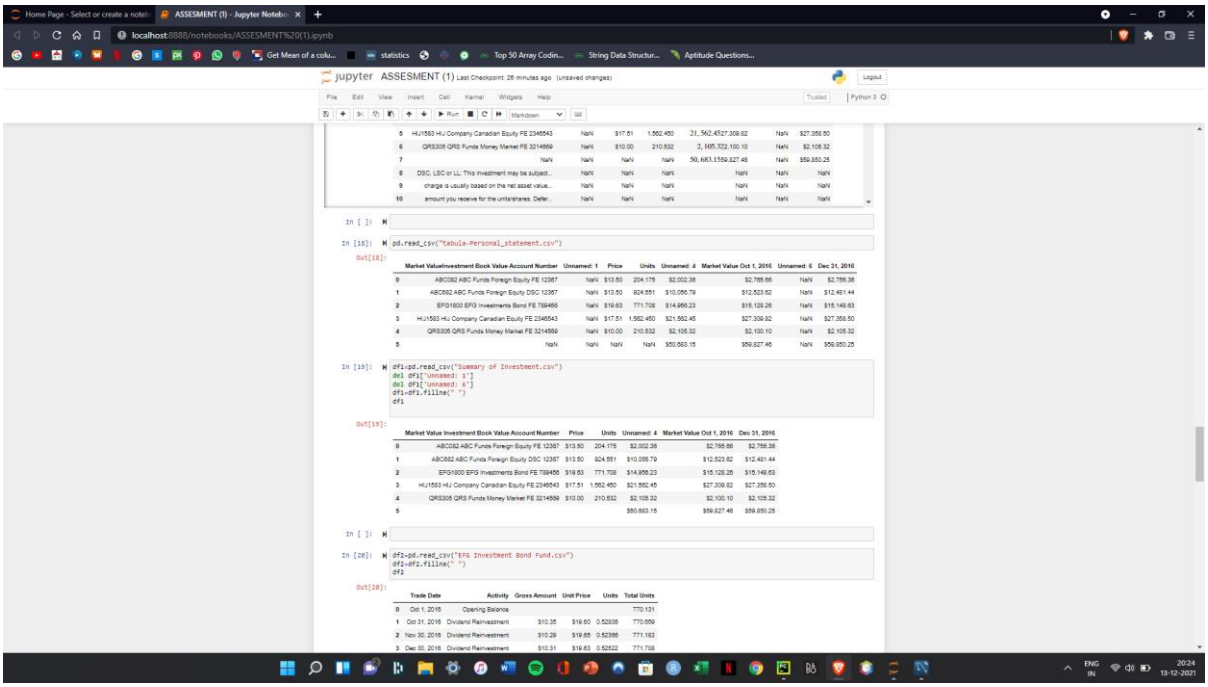
	Market Value Investment Book Value Account Number	Price	Units	Unnamed: 4	Market Value Oct 1, 2016	Dec 31, 2016
0	ABC082 ABC Funds Foreign Equity FE 12387	$13.50	204.175	$2,002.36	$2,756.66	$2,756.36
1	ABC682 ABC Funds Foreign Equity DSC 12387	$13.50	924.551	$10,056.79	$12,523.62	$12,461.44
2	EFG1600 EFG Investments Bond FE 789456	$19.63	771.708	$14,956.23	$15,128.26	$15,148.63
3	HUI1583 HU Company Canadian Equity FE 2346543	$17.51	1,562.450	$21,562.45	$27,309.82	$27,358.50
4	QRS305 QRS Funds Money Market FE 3214569	$10.00	210.532	$2,105.32	$2,100.10	$2,105.32
5				$50,683.15	$59,827.46	$59,850.25

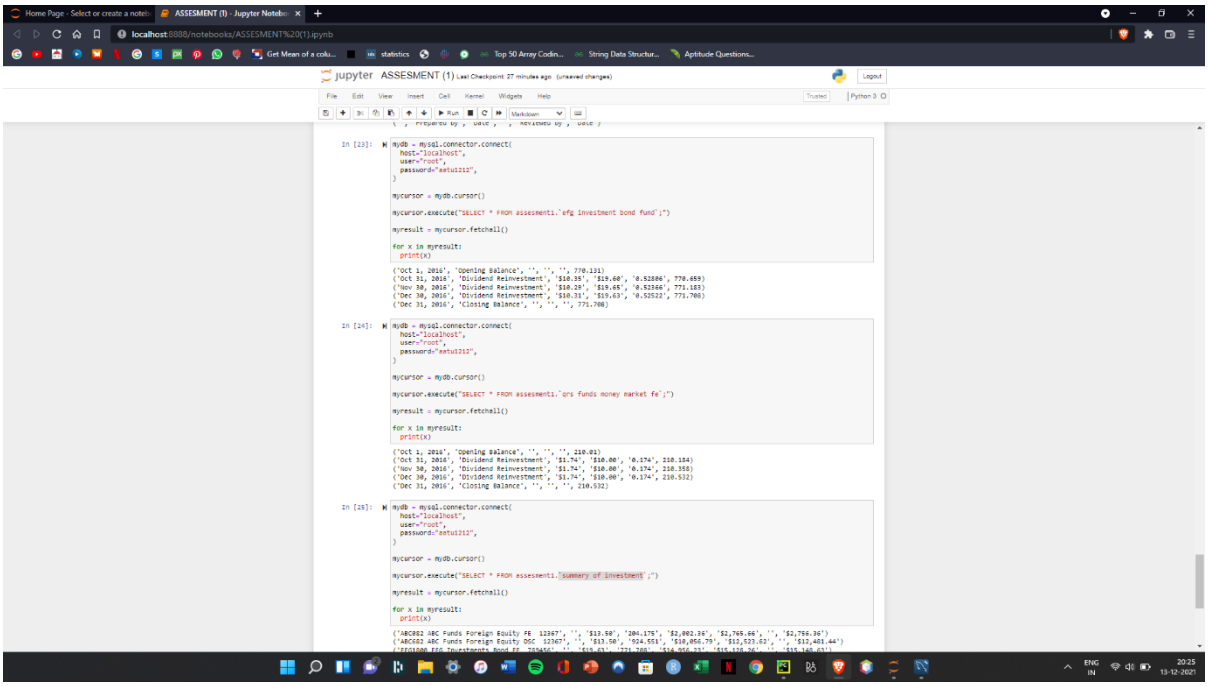
In [ ]:
```

```

In [20]:
```
df2=pd.read_csv("EFG Investment Bond Fund.csv")
df2=df2.fillna(" ")
df2
```

Out[20]:

	Trade Date	Activity	Gross Amount	Unit Price	Units	Total Units
0	Oct 1, 2015	Opening Balance				770.131
1	Oct 31, 2015	Dividend Reinvestment	$10.36	$19.60	0.52836	770.659
2	Nov 30, 2015	Dividend Reinvestment	$10.29	$19.65	0.52386	771.183
3	Dec 30, 2015	Dividend Reinvestment	$10.31	$19.63	0.52522	771.708





In [23]:
```
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="satul212",
)

mycursor = mydb.cursor()

mycursor.execute("SELECT * FROM assesment1.`efg investment bond fund`;")

myresult = mycursor.fetchall()

for x in myresult:
  print(x)
```

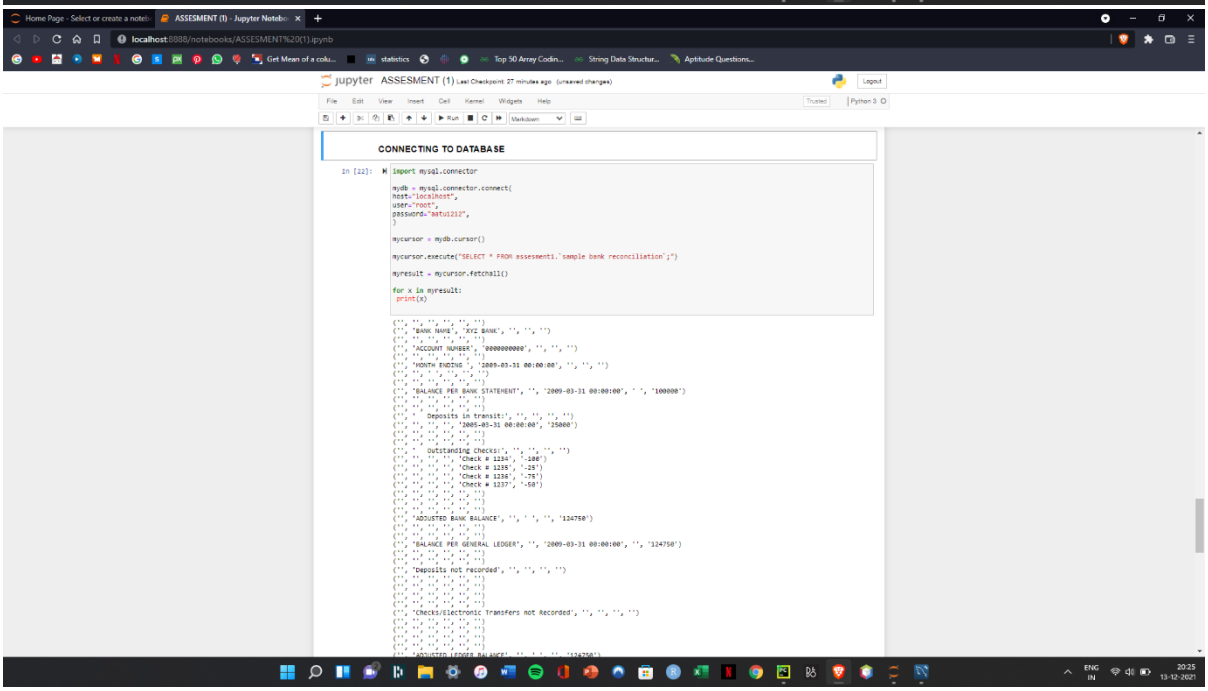
```
('Oct 1, 2016', 'Opening Balance', '', '', '', 770.131)
('Oct 31, 2016', 'Dividend Reinvestment', '$10.35', '$15.60', '0.52386', 770.659)
('Nov 30, 2016', 'Dividend Reinvestment', '$10.29', '$19.65', '0.52366', 771.183)
('Dec 30, 2016', 'Dividend Reinvestment', '$10.31', '$19.63', '0.52522', 771.708)
('Dec 31, 2016', 'Closing Balance', '', '', '', 771.708)
```

In [24]:
```
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="satul212",
)

mycursor = mydb.cursor()

mycursor.execute("SELECT * FROM assesment1.`qrs funds money market fe`;")

myresult = mycursor.fetchall()

for x in myresult:
  print(x)
```

```
('Oct 1, 2016', 'Opening Balance', '', '', '', 210.01)
('Oct 31, 2016', 'Dividend Reinvestment', '$1.74', '$10.00', '0.174', 210.184)
('Nov 30, 2016', 'Dividend Reinvestment', '$1.74', '$10.00', '0.174', 210.358)
('Dec 30, 2016', 'Dividend Reinvestment', '$1.74', '$10.00', '0.174', 210.532)
('Dec 31, 2016', 'Closing Balance', '', '', '', 210.532)
```

In [25]:
```
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="satul212",
)

mycursor = mydb.cursor()

mycursor.execute("SELECT * FROM assesment1.`summary of investment`;")

myresult = mycursor.fetchall()

for x in myresult:
  print(x)
```

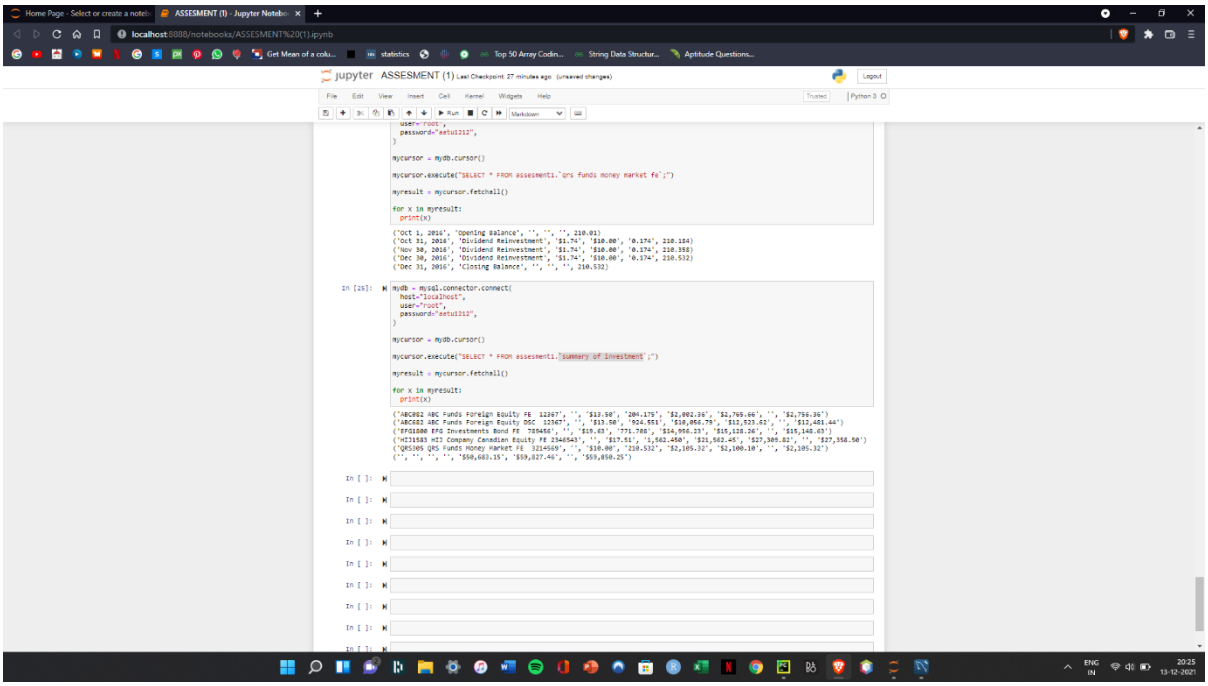
```
('ABC882 ABC Funds Foreign Equity FE  12367', '', '$13.50', '204.175', '$2,002.36', '$1,765.66', '', '$2,756.36')
('ABC683 ABC Funds Foreign Equity DGC  12367', '', '$13.50', '624.551', '$10,056.79', '$13,523.62', '', '$12,401.44')
('EFG1000 EFG Investments Bond FF  789456', '', '$15.63', '771.708', '$14,956.51', '$15,138.26', '', '$15,140.65')
```



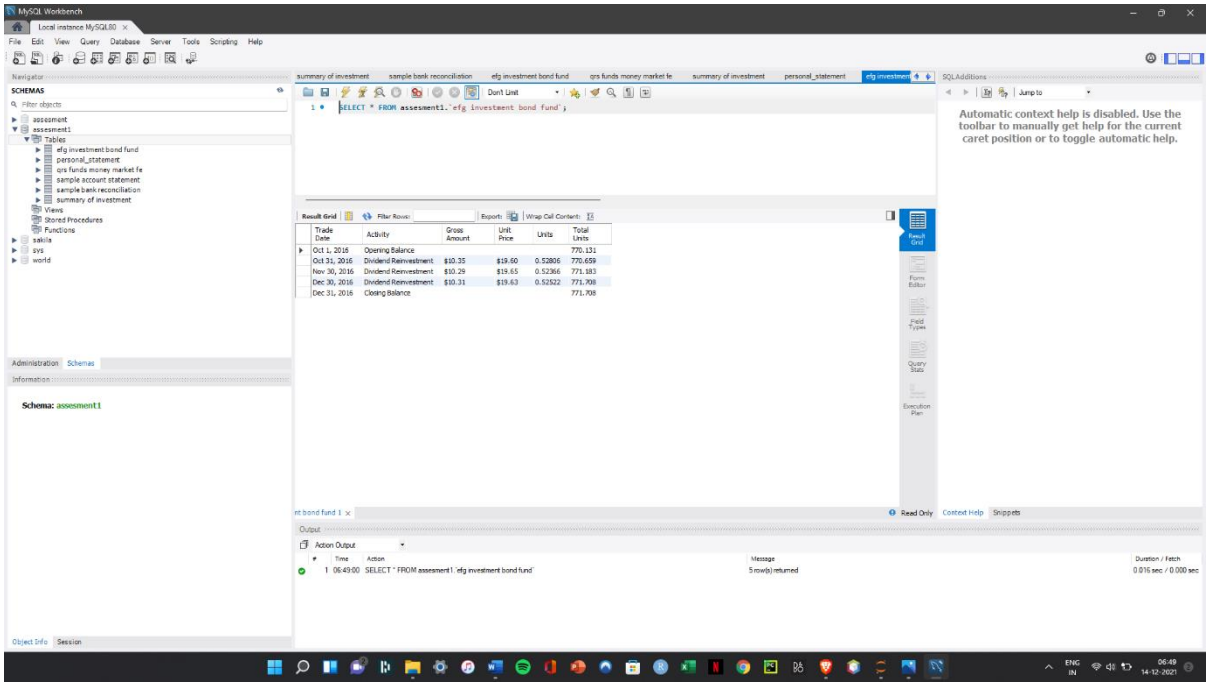
CONNECTING TO DATABASE

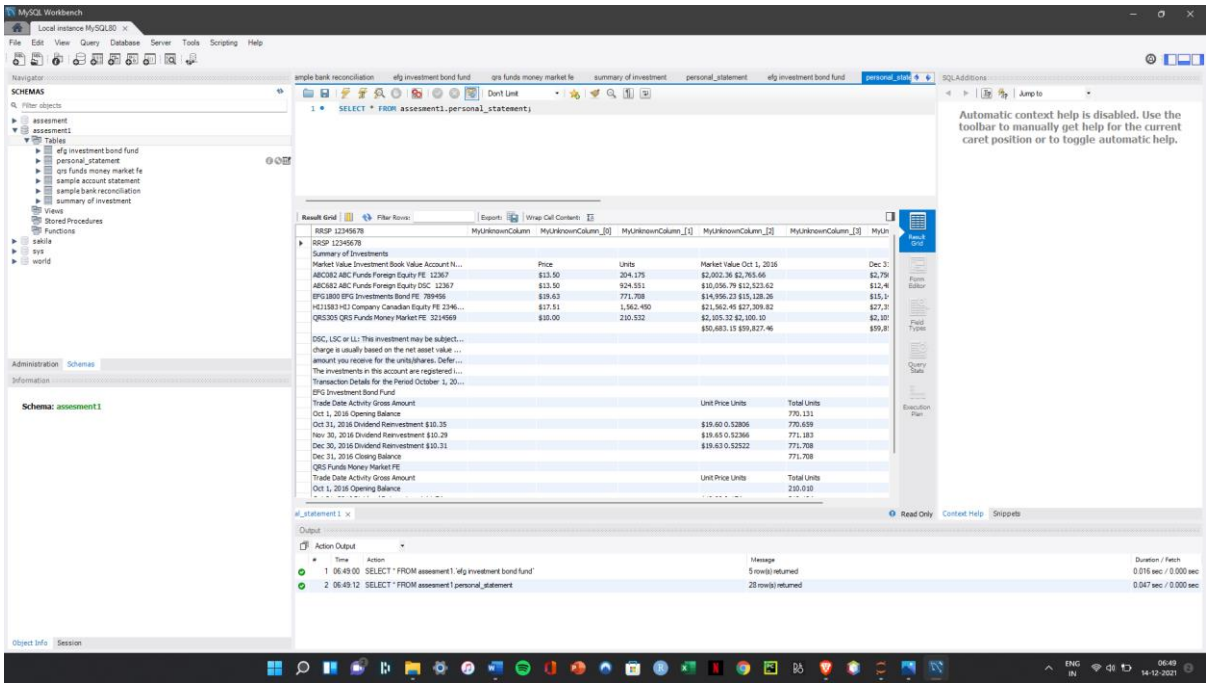
In [22]:
```
import mysql.connector

mydb = mysql.connector.connect(
host="localhost",
user="root",
password="satul212",
)

mycursor = mydb.cursor()

mycursor.execute("SELECT * FROM assesment1.`sample bank reconciliation`;")

myresult = mycursor.fetchall()

for x in myresult:
 print(x)
```

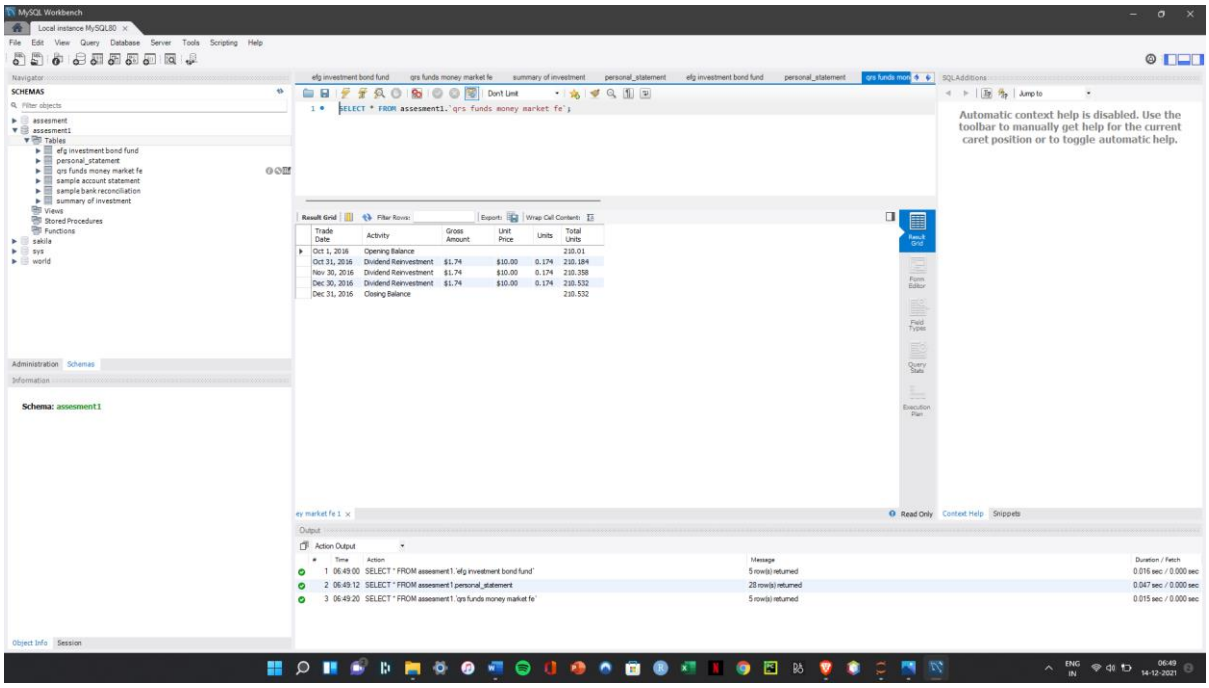
```
('', '', '', '', '')
('', 'BANK NAME', 'XYZ BANK', '', '', '')
('', '', '', '', '')
('', 'ACCOUNT NUMBER', '0000000000', '', '', '')
('', '', '', '', '')
('', 'MONTH ENDING ', '2009-03-31 00:00:00', '', '', '')
('', '', '', '', '')
('', '', '', '', '')
('', 'BALANCE PER BANK STATEMENT', '', '2009-03-31 00:00:00', ' ', '100000')
('', '', '', '', '')
('', '', '', '', '')
('', '  Deposits in transit:', '', '', '', '')
('', '', '', '2009-03-31 00:00:00', '25000')
('', '', '', '', '')
('', '', '', '', '')
('', '  Outstanding Checks:', '', '', '', '')
('', '', ' ', ' ', 'Check # 1234', '-100')
('', '', ' ', ' ', 'Check # 1235', '-25')
('', '', '', '', 'Check # 1236', '-75')
('', '', ' ', ' ', 'Check # 1237', '-50')
('', '', '', '', '')
('', '', '', '', '')
('', '', '', '', '')
('', 'ADJUSTED BANK BALANCE', '', ' ', '', '124750')
('', '', '', '', '')
('', '', '', '', '')
('', 'BALANCE PER GENERAL LEDGER', '', '2009-03-31 00:00:00', '', '124750')
('', '', '', '', '')
('', '', '', '', '')
('', 'Deposits not recorded', '', '', '', '')
('', '', '', '', '')
('', '', '', '', '')
('', '', '', '', '')
('', '', '', '', '')
('', 'Checks/Electronic Transfers not Recorded', '', '', '', '')
('', '', '', '', '')
('', '', '', '', '')
('', '', '', '', '')
('', '', '', '', '')
('', 'ADJUSTED LEDGER BALANCE', '', ' ', '', '124750')
```

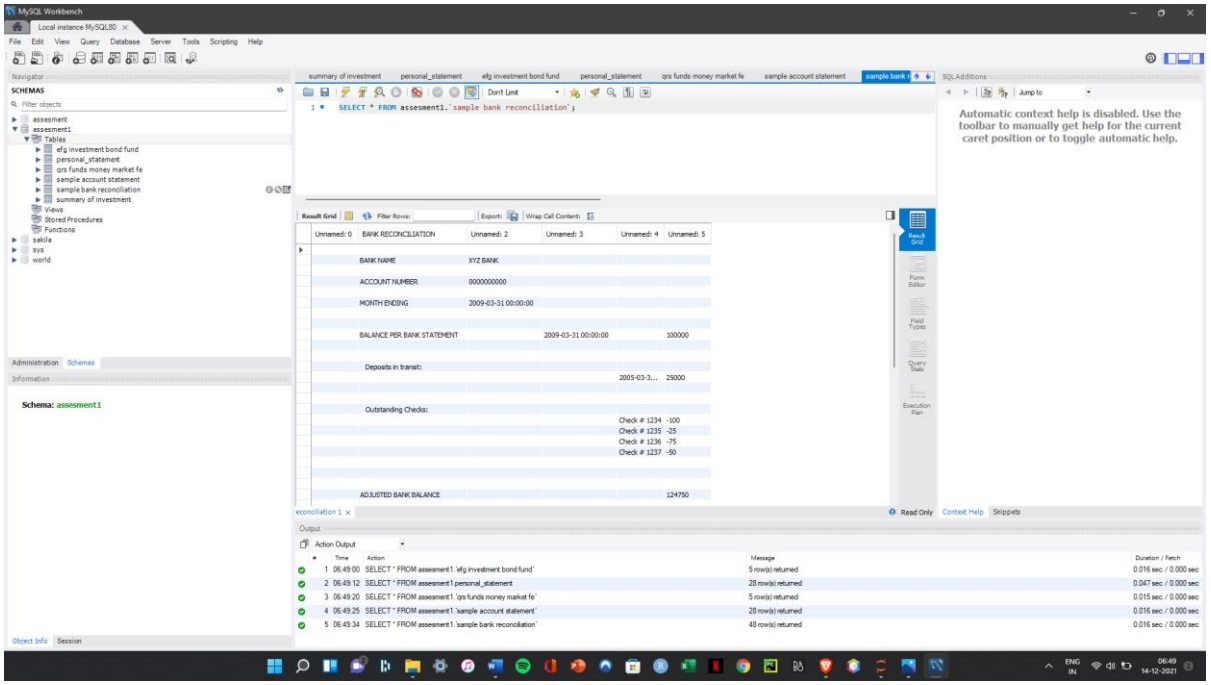


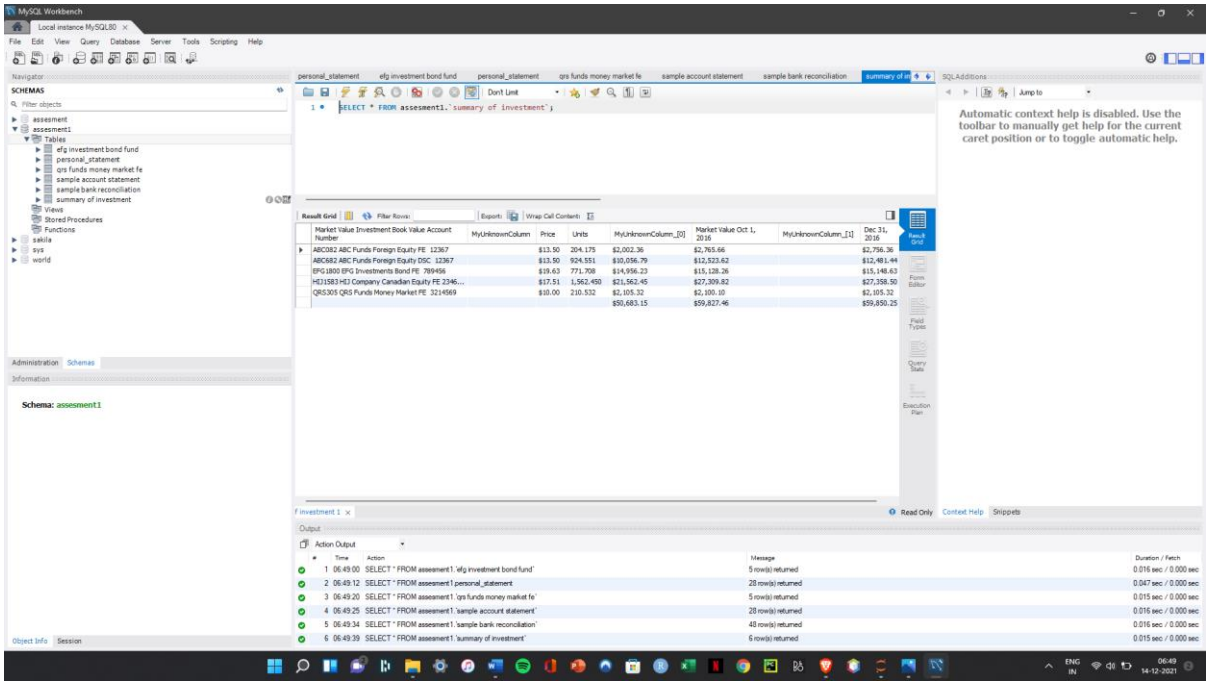
DATABASE SCREENSHOT




MySQL Workbench
Local instance MySQL80
SELECT * FROM assesment1.personal_statement;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Schema: assesment1
Output
Action Output
1 06:49:00 SELECT * FROM assesment1.`efg investment bond fund` 5 row(s) returned 0.016 sec / 0.000 sec
2 06:49:12 SELECT * FROM assesment1.personal_statement 28 row(s) returned 0.047 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
SELECT * FROM assesment1.`qrs funds money market fe`;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Schema: assesment1
Output
Action Output
1 06:49:00 SELECT * FROM assesment1.`efg investment bond fund` 5 row(s) returned 0.016 sec / 0.000 sec
2 06:49:12 SELECT * FROM assesment1.personal_statement 28 row(s) returned 0.047 sec / 0.000 sec
3 06:49:20 SELECT * FROM assesment1.`qrs funds money market fe` 5 row(s) returned 0.015 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
SCHEMAS
assesment
assesment1
Tables
efg investment bond fund
personal_statement
qrs funds money market fe
sample account statement
sample bank reconciliation
summary of investment
Views
Stored Procedures
Functions
sakila
sys
world
Schema: assesment1
SELECT * FROM assesment1.`sample bank reconciliation`;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
BANK RECONCILIATION
BANK NAME XYZ BANK
ACCOUNT NUMBER 0000000000
MONTH ENDING 2009-03-31 00:00:00
BALANCE PER BANK STATEMENT 2009-03-31 00:00:00 100000
Deposits in transit:
2005-03-3... 25000
Outstanding Checks:
Check # 1234 -100
Check # 1235 -25
Check # 1236 -75
Check # 1237 -50
ADJUSTED BANK BALANCE 124750
Output
Action Output
1 06:49:00 SELECT * FROM assesment1.`efg investment bond fund` 5 row(s) returned 0.016 sec / 0.000 sec
2 06:49:12 SELECT * FROM assesment1.`personal_statement` 28 row(s) returned 0.047 sec / 0.000 sec
3 06:49:20 SELECT * FROM assesment1.`qrs funds money market fe` 5 row(s) returned 0.015 sec / 0.000 sec
4 06:49:25 SELECT * FROM assesment1.`sample account statement` 28 row(s) returned 0.016 sec / 0.000 sec
5 06:49:34 SELECT * FROM assesment1.`sample bank reconciliation` 48 row(s) returned 0.016 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
SCHEMAS
assesment
assesment1
Tables
efg investment bond fund
personal_statement
qrs funds money market fe
sample account statement
sample bank reconciliation
summary of investment
Views
Stored Procedures
Functions
sakila
sys
world
Schema: assesment1
SELECT * FROM assesment1.`summary of investment`;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Market Value Investment Book Value Account Number
ABC082 ABC Funds Foreign Equity FE 12367 $13.50 204.175 $2,002.36 $2,765.66 $2,756.38
ABC682 ABC Funds Foreign Equity DSC 12367 $13.50 924.551 $10,056.79 $12,523.62 $12,481.44
EPG1800 EPG Investments Bond PE 789456 $19.63 771.708 $14,956.23 $15,128.26 $15,148.63
HEI1583 HEI Company Canadian Equity FE 2346... $17.51 1,562.450 $21,562.45 $27,309.82 $27,358.50
QRS305 QRS Funds Money Market FE 3214569 $10.00 210.532 $2,105.32 $2,100.10 $2,105.32
$50,683.15 $59,827.46 $59,850.25
Output
Action Output
1 06:49:00 SELECT * FROM assesment1.`efg investment bond fund` 5 row(s) returned 0.016 sec / 0.000 sec
2 06:49:12 SELECT * FROM assesment1.`personal_statement` 28 row(s) returned 0.047 sec / 0.000 sec
3 06:49:20 SELECT * FROM assesment1.`qrs funds money market fe` 5 row(s) returned 0.015 sec / 0.000 sec
4 06:49:25 SELECT * FROM assesment1.`sample account statement` 28 row(s) returned 0.016 sec / 0.000 sec
5 06:49:34 SELECT * FROM assesment1.`sample bank reconciliation` 48 row(s) returned 0.016 sec / 0.000 sec
6 06:49:39 SELECT * FROM assesment1.`summary of investment` 6 row(s) returned 0.015 sec / 0.000 sec