

# Investment Management System<sup>©</sup>

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# Investment Management System

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## 1. Introduction

Investment Management System, IMS is the Database/Storage component of a 2-tier, 3-tier or n-tier client server environment. It can be used in companies that manage clients assets through investment in Stocks and Mutual Funds. IMS is designed and developed on Oracle 10g PL/SQL platform.

IMS uses four main tables namely Client, Stock, Mutual Funds and Funds Family. Two additional tables are used to link the four main tables and track the no of Stocks and Mutual Funds purchased by the client. Refer to Sections 4 and 5 for detailed description of these tables. A Client is uniquely identified by Client Tax Identification Number, a Stock is uniquely identified by Stock Ticker Symbol, a Mutual Fund is uniquely identified by Mutual Fund Ticker Symbol and a Fund Family is uniquely identified by Fund Family Identification Symbol. The general design of the IMS is based on the business rules discussed in Section 3. The IMS allocates 100 stocks and 250 Mutual Funds by default to each client when client profile is created in the database. This is done to ensure the minimum investment from each and every client.

The following are the features of Investment Management System

1. **DML Support** : Operations like Insert, Update and Delete is possible in the IMS database.

Refer Section 13 for additional information

2. **Stored Procedures** : Custom Stored Procedures like sectors, ratings, query\_industry, query\_client and update\_stock\_price are available out of the box.

Refer to Section 15 for additional information

3. **Object Views** – Custom Object Views like mfund\_top25, stock\_buy, client\_city, fundf\_wmfunds are available out the box.

Refer to Section 16 for additional information.

4. **Database Creation Script** – The Database Creation Script along with an Entity Relationship Diagram is provided along with the IMS for quick setup.

Refer to Section 9 for additional details

## 2. IMS Entity Types and Relationship Matrix

### 2.1. Entity Types

The Investment Management System, IMS has four entities defined. They are

- 1 Client
- 2 Stock
- 3 Mutual Fund and
- 4 Fund Family

### 2.2. Relationship Matrix

	Client	Stock	Mutual Fund	Family Fund
Client	NR	Invest In	Invest In	NR
Stock	Bought by	NR	NR	NR
Mutual Fund	Bought by	NR	NR	Belong to
Family Fund	NR	NR	Must have	NR

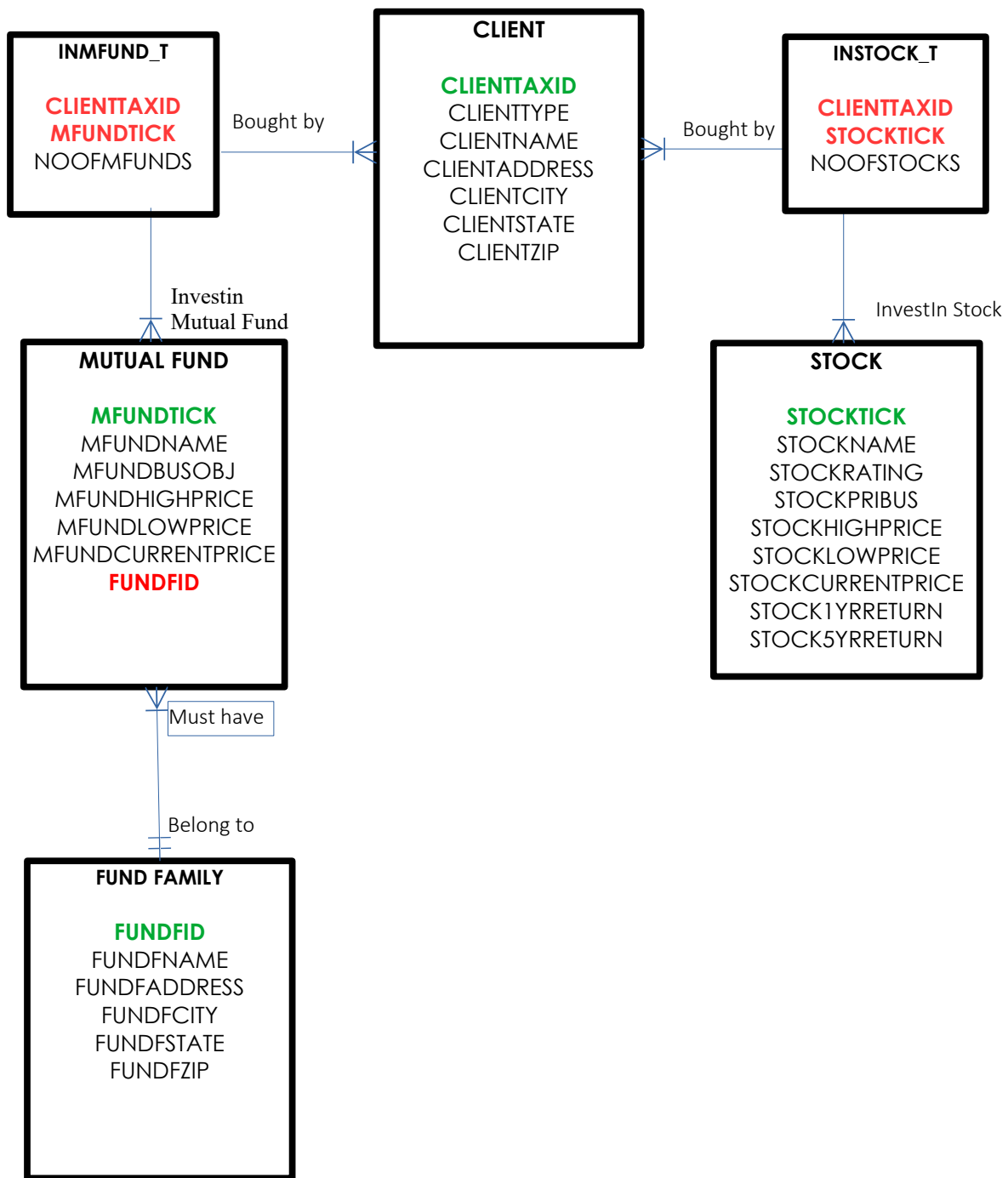
\* NR – No Relationship

## 3. IMS Business Rules

Investment Management System, IMS incorporates the following business rules in the design of the database:

- One client *must* invest in one or more than one stock.
- A stock *must* be bought by one or more than one client.
- One client *must* invest in one or more than one mutual fund.
- A mutual fund *must* be bought by one or more than one client.
- One fund family *must* have one or more than one mutual fund.
- One fund *must* belong to only one fund family.

#### 4. IMS – Entity Relationship Diagram



## 5. IMS Entity Relationship Diagram to Table Mapping

Attribute	Table	Client_T
CLIENTTAXID	Client TaxID and Primary Key	
CLIENTTYPE	Client is Individual or Business	
CLIENTNAME	Client Full Name	
CLIENTADDRESS	Client Street Address	
CLIENTCITY	Client City	
CLIENTSTATE	Client State	
CLIENTZIP	Client Postal Code	

Attribute	Table	Stock_T
STOCKTICK	Stock Ticker and Primary Key	
STOCKNAME	Stock Name	
STOCKRATING	Stock Rating (Buy, Sell, Hold)	
STOCKPRIBUS	Stock Primary Business	
STOCKHIGHPRICE	Stock High Price (52 week)	
STOCKLOWPRICE	Stock Low Price (52 week)	
STOCKCURRENTPRICE	Stock Current Price	
STOCK1YRRETURN	Stock 1yr Return	
STOCK5YRRETURN	Stock 5yr Return	

Attribute	Table	Mfund_T
MFUNDTICK	Mutual Fund Ticker and Primary Key	
MFUNDNAME	Mutual Fund Name	
MFUNDBUSOBJ	Mutual Fund Business Objective	
MFUNDHIGHPRICE	Mutual Fund High Price	
MFUNDLOWPRICE	Mutual Fund Low Price	
MFUNDCURRENTPRICE	Mutual Fund Current Price	
FUNDFID	Family Fund ID and Foreign Key	

Attribute	Table	FundF_T
FUNDFID	Family Fund ID and Primary Key	
FUNDFNAME	Family Fund Name	
FUNDFADDRESS	Family Fund Street Address	
FUNDFCITY	Family Fund City	
FUNDFSTATE	Family Fund State	
FUNDFZIP	Family Fund Postal Code	

Attribute	Table	InStock_T
CLIENTTAXID	Client Tax ID and Foreign Key	
STOCKTICK	Stock Ticker and Foreign Key	
NOOFSTOCKS	No of Stocks purchased by client	

Attribute	Table	InMFund_T
CLIENTTAXID	Client Tax ID and Foreign Key	
MFUNDTICK	Mutual Fund Ticker and Foreign Key	
NOOFMFUNDS	No of Mutual Funds purchased by client	

## 6. IMS Tables Referential Integrity and Join Paths

Referential Integrity / Join Paths	
Referencing Table with Foreign Key	Referenced Table with Primary Key
INSTOCK_T.CLIENTTAXID	CLIENT_T.CLIENTTAXID
INSTOCK_T.STOCKTICK	STOCK_T.STOCKTICK
INMFUND_T.CLIENTTAXID	CLIENT_T.CLIENTTAXID
INMFUND_T.MF_TICKER	STOCK.MFUNDTICK
MFUND_T.FUNDFID	FUNDF_T.FUNDFID

## 7. IMS Tables Functional Analysis

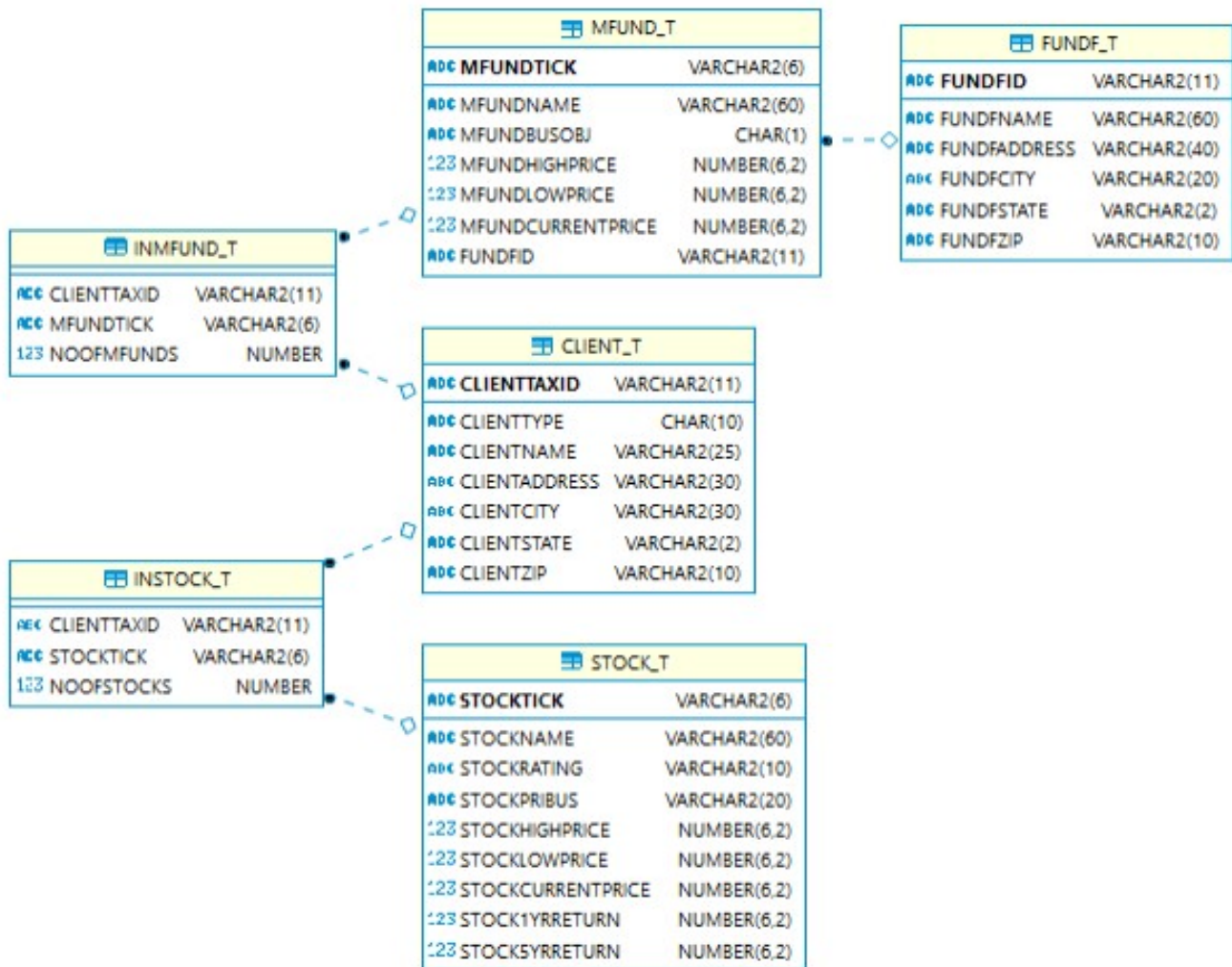
Table Name	Dependency Type		
	Partial	Transitive	Full
CLIENT_T CLIENTTAXID → CLIENTTYPE, CLIENTNAME, CLIENTADDRESS, CLIENTCITY, CLIENTSTATE, CLIENTZIP	--	YES	--
STOCK_T STOCKTICK → STOCKNAME, STOCKRATING, STOCKPRIBUS, STOCKHIGHPRICE, STOCKLOWPRICE, STOCKCURRENTPRICE, STOCK1YRRETURN, STOCK5YRRETURN	--	--	YES
INSTOCK_T CLIENTTAXID, STOCKTICK, NOOFSTOCKS	--	--	YES
MFUND_T MFUNDTICK → MFUNDNAME, MFUNDBUSOBJ, MFUNDHIGHPRICE, MFUNDLOWPRICE, MFUNCURRENTPRICE, FUNDFID	--	--	YES
INMFUND_T CLIENTTAXID, MFUNDTICK, NOOFMFUNDS	--	--	YES
FUNDF_T FUNDFID → FUNDFNAME, FUNDFADDRESS, FUNDFCITY, FUNDFSTATE, FUNDFZIP	--	YES	--

## 8. IMS Tables Normalization

Table Name	1NF	2NF	3NF
CLIENT_T	-	YES	--
STOCK_T	-	-	YES
MFUND_T	-	-	YES
INSTOCK_T	-	-	YES
INMFUND_T	-	-	YES
FUNDF_T	-	YES	--



## 9. IMS Tables Creation Script



```

-- ORACLE/SQL TABLE CREATION SCRIPT
-- CREATED ON 03/21/2021
-- CREATED BY SANJAY D
-- UPDATED ON 4/17/2021

-- THE FOLLOWING LINES COMMENTED UNLESS REQUIRED

-- ALTER TABLE MFUND_T DROP CONSTRAINT FUNDF_MFUND_FK;
-- ALTER TABLE INMFUND_T DROP CONSTRAINT MFUND_INMFUND_FK2;
-- ALTER TABLE INMFUND_T DROP CONSTRAINT CLIENT_INMFUND_FK1;
-- ALTER TABLE INSTOCK_T DROP CONSTRAINT STOCK_INSTOCK_FK2;
-- ALTER TABLE INSTOCK_T DROP CONSTRAINT CLIENT_INSTOCK_FK1;

-- DROP TABLE INSTOCK_T;
-- DROP TABLE INMFUND_T;
-- DROP TABLE FUNDF_T;
-- DROP TABLE MFUND_T;
-- DROP TABLE STOCK_T;
-- DROP TABLE CLIENT_T;

```

```

CREATE TABLE CLIENT_T
(
    ClientTaxID          VARCHAR(11) NOT NULL ,
    ClientType           CHAR(10) ,
    ClientName           VARCHAR(25) ,
    ClientAddress        VARCHAR(30) ,
    ClientCity           VARCHAR(30) ,
    ClientState          VARCHAR(2) ,
    ClientZip            VARCHAR(10)

);

```

```

CREATE TABLE STOCK_T
(
    StockTick            VARCHAR(6) NOT NULL ,
    StockName            VARCHAR(60) ,
    StockRating          VARCHAR(10) ,
    StockPriBus          VARCHAR(20) ,
    StockHighPrice       Decimal(6,2) ,
    StockLowPrice        Decimal(6,2) ,
    StockCurrentPrice    Decimal(6,2) ,
    Stock1yrReturn       Decimal(6,2) ,
    Stock5yrReturn       Decimal(6,2)

);

```

```

CREATE TABLE MFUND_T
(
    MFundTick            VARCHAR(6) NOT NULL ,
    MFundName            VARCHAR(60) ,
    MFundBusObj          CHAR(1) ,
    MFundHighPrice       Decimal(6,2) ,
    MFundLowPrice        Decimal(6,2) ,
    MFundCurrentPrice    Decimal(6,2) ,

```

```

FundFID                VARCHAR(11)

);

CREATE TABLE FUNDF_T
(
    FundFID                VARCHAR(11) NOT NULL ,
    FundFName              VARCHAR(60),
    FundFAddress           VARCHAR(40),
    FundFCity              VARCHAR(20),
    FundFState             VARCHAR(2),
    FundFZip               VARCHAR(10)
);

```

```

CREATE TABLE INMFUND_T
(
    ClientTaxID            VARCHAR(11),
    MFundTick              VARCHAR(6)
);

```

```

CREATE TABLE INSTOCK_T
(
    ClientTaxID            VARCHAR(11),
    StockTick              VARCHAR(6)
);

```

```

COMMIT;

```

```

--PRIMARY KEYS, FOREIGN KEYS AND REFERENCES

```

```

ALTER TABLE FUNDF_T
    ADD CONSTRAINT FUNDF_PK
        PRIMARY KEY (FundFID);

```

```

ALTER TABLE MFUND_T
    ADD CONSTRAINT MFUND_PK
        PRIMARY KEY (MFundTick);

```

```

ALTER TABLE STOCK_T
    ADD CONSTRAINT STOCK_PK
        PRIMARY KEY (StockTick);

```

```

ALTER TABLE CLIENT_T
    ADD CONSTRAINT CLIENT_PK
        PRIMARY KEY (ClientTaxID);

```

```

ALTER TABLE MFUND_T
    ADD CONSTRAINT FUNDF_MFUND_FK
        FOREIGN KEY (FundFID)
        REFERENCES FUNDF_T (FundFID);

```

```

ALTER TABLE INMFUND_T

```

```

        ADD CONSTRAINT MFUND_INMFUND_FK2
            FOREIGN KEY (MFundTick)
            REFERENCES MFUND_T(MFundTick);

ALTER TABLE INMFUND_T
    ADD CONSTRAINT CLIENT_INMFUND_FK1
        FOREIGN KEY (ClientTaxID)
        REFERENCES CLIENT_T(ClientTaxID);

ALTER TABLE INSTOCK_T
    ADD CONSTRAINT STOCK_INSTOCK_FK2
        FOREIGN KEY (StockTick)
        REFERENCES STOCK_T(StockTick);

ALTER TABLE INSTOCK_T
    ADD CONSTRAINT CLIENT_INSTOCK_FK1
        FOREIGN KEY (ClientTaxID)
        REFERENCES CLIENT_T(ClientTaxID);

--ADD NOOFSTOCKS AND NOOFMFUNDS TO INSTOCK_T AND INMFUND_T

ALTER TABLE INSTOCK_T ADD (NOOFSTOCKS NUMBER DEFAULT 100 NOT NULL)

ALTER TABLE INMFUND_T ADD (NOOFMFUNDS NUMBER DEFAULT 250 NOT NULL);

-- ADD UNIQUE AND CHECK CONSTRAINTS

ALTER TABLE CLIENT_T
    ADD CONSTRAINT ClientTAXID_UNIQ
        UNIQUE (ClientTaxID)

ALTER TABLE INSTOCK_T
    ADD CONSTRAINT STOCK_MIN CHECK (NOOFSTOCKS >=100);

ALTER TABLE INMFUND_T
    ADD CONSTRAINT STOCK_MIN CHECK (NOOFSTOCKS >= 250);

```

## 10. IMS Tables

### 10.1 Client table stores client specific data

		ABC CLIENTTAXID	ABC CLIENTTYPE	ABC CLIENTNAME	ABC CLIENTSTATE
Grid Text Record	1	684-89-9107	Business	Guglielmo Manno	CA
	2	695-13-8456	Individual	Gwendolin Lawdham	CA
	3	214-02-2278	Individual	Ezechiele Joseph	FL
	4	691-11-9645	Individual	Doyle Mapowder	TX
	5	520-48-2747	Individual	Carlene McQuorkell	SD
	6	824-42-4419	Business	Malory Ambrose	NY
	7	676-82-5176	Individual	Analise Willimont	CA
	8	143-16-6485	Individual	Frannie Willers	KY
	9	653-41-3399	Individual	Lorianna Gillian	DC
	10	226-74-1767	Individual	Evita Sorrell	WV
	11	836-72-7280	Individual	Aimee Maxwaile	NV
	12	119-07-5700	Individual	Prentice Dayer	MN
	13	632-24-0701	Individual	Ciro Pfeifer	CT
	14	358-84-3303	Individual	Boris Risborough	MI
	15	288-37-3396	Individual	Berri Matthias	AL
	16	551-77-2311	Individual	Carmencita Nevin	OH
	17	222-74-7187	Individual	Gilberte Lethardy	GA
	18	785-69-1965	Individual	Rebecca Schulkins	CA
	19	537-75-5604	Business	Mychal Spiller	FL
	20	207-37-0556	Individual	Andriette Jude	NJ
	21	697-10-7325	Individual	Lloyd Ridel	CA
	22	520-45-3154	Individual	Kaylyn Cleiment	CA
	23	830-48-5007	Individual	Ada Thornthwaite	GA
	24	364-32-7913	Business	Torrance Clemendot	SC
	25	478-02-3743	Individual	Emmanuel Undy	CA
	26	803-89-1118	Individual	Edi Frangleton	CA

\* Due to limited space not all rows or columns are shown here

## 10.2 Stock table stores stock specific data

	STOCKTICK	STOCKNAME	STOCKCURRENTPRICE
1	AAPL	Apple Inc	119.12
2	ADBE	Adobe Systems Inc	441.5
3	ADI	Analog Devices	151.91
4	ADP	Automatic Data Procs	183.93
5	ADSK	Autodesk Inc	261.58
6	AEP	American Electric Power Company	83.67
7	ALGN	Align Technology	529.46
8	ALXN	Alexion Pharm Inc	150.94
9	AMAT	Applied Materials	114.86
10	AMD	Adv Micro Devices	79.06
11	AMGN	Amgen Inc	245.94
12	AMZN	Amazon.com Inc	3,074.96
13	ANSS	Ansys Inc	324.25
14	ASML	Asml Hld NY Reg	547.42
15	ATVI	Activision Blizzard	90.49
16	AVGO	Broadcom Ltd	474.46
17	BIDU	Baidu Inc	257.47
18	BIIB	Biogen Inc	267.07
19	BKNG	Booking Holdings Inc	2,287.74
20	CDNS	Cadence Design Sys	125.48
21	CDW	CDW Corp	158.03
22	CERN	Cerner Corp	71.95
23	CHKP	Check Point Software	116.68
24	CHTR	Charter Communication	629.74
25	CMCSA	Comcast Corp A	55.46

\* Due to limited space not all rows or columns are shown here

### 10.3 Client/Stock Table stores foreign keys and noofstocks

	Grid	ABC CLIENTTAXID	ABC STOCKTICK	123 NOOFSTOCKS
1		684-89-9107	AAPL	100
2		695-13-8456	ADBE	100
3		214-02-2278	ADI	100
4		691-11-9645	ADP	100
5		520-48-2747	ADSK	100
6		824-42-4419	AEP	100
7		676-82-5176	ALGN	100
8		143-16-6485	ALXN	100
9		653-41-3399	AMAT	100
10		226-74-1767	AMD	100
11		836-72-7280	AMGN	100
12		119-07-5700	AMZN	100
13		632-24-0701	ANSS	100
14		358-84-3303	ASML	100
15		288-37-3396	ATVI	100
16		551-77-2311	AVGO	100
17		222-74-7187	BIDU	100
18		785-69-1965	BIIB	100
19		537-75-5604	BKNG	100
20		207-37-0556	CDNS	100
21		697-10-7325	CDW	100
22		520-45-3154	CERN	100
23		830-48-5007	CHKP	100
24		364-32-7913	CHTR	100
25		478-02-3743	CMCSA	100

\* Due to limited space not all rows or columns are shown here

## 10.4 Mutual Fund Table stores mutual fund related data

Grid		ABC MFUNDTICK	ABC MFUNDNAME	123 MFUNCURRENTPRICE	ABC FUNDFID
Text	1	MSJAX	Msif Global Endurance Portfolio - Class A	33.88	[NULL]
	2	FANAX	Fidelity Advisor Energy Class A	23.3	<a href="#">FMR</a>
	3	FNRCX	Fidelity Advisor Energy Class C	21.39	<a href="#">FMR</a>
	4	FANIX	Fidelity Advisor Energy Fund	24.61	<a href="#">FMR</a>
	5	FIKAX	Fidelity Advisor Energy Fund	24.56	<a href="#">FMR</a>
	6	FAGNX	Fidelity Advisor Energy Fund - Class M	23.92	<a href="#">FMR</a>
	7	FGDIX	Fidelity Advisor Gold Fund	27.15	<a href="#">FMR</a>
	8	FIJDX	Fidelity Advisor Gold Fund	27.17	<a href="#">FMR</a>
	9	FGDTX	Fidelity Advisor Gold Fund - Class M	25.66	<a href="#">FMR</a>
	10	FGDAX	Fidelity Advisor Gold Fund Class A	26.3	<a href="#">FMR</a>
	11	FGDCX	Fidelity Advisor Gold Fund Class C	24.27	<a href="#">FMR</a>
	12	FIQMX	Fidelity Advisor Latin America Fund	21.31	<a href="#">FMR</a>
	13	FLFIX	Fidelity Advisor Latin America Fund	21.32	<a href="#">FMR</a>
	14	FLFTX	Fidelity Advisor Latin America Fund - Class M	21.4	<a href="#">FMR</a>
	15	FLFAX	Fidelity Advisor Latin America Fund CI A	21.39	<a href="#">FMR</a>
	16	FLFCX	Fidelity Advisor Latin America Fund CI C	21.58	<a href="#">FMR</a>
	17	FFNPX	Fidelity Flex Intrinsic Opportunities Fund	17.9	<a href="#">FMR</a>
	18	FLATX	Fidelity Latin America Fund	21.35	<a href="#">FMR</a>
	19	FNBGX	Fidelity Long-Term Treasury Bond Index Fund	13.67	<a href="#">FMR</a>
	20	FBLTX	Fidelity Sai Long-Term Treasury Bond Index Fund	10.39	<a href="#">FMR</a>
	21	FSRBX	Fidelity Select Banking Portfolio	28.69	<a href="#">FMR</a>
	22	FSENX	Fidelity Select Energy	30.08	<a href="#">FMR</a>
	23	FSESX	Fidelity Select Energy Services Pt	19.69	<a href="#">FMR</a>
	24	FSAGX	Fidelity Select Gold Pt	27.15	<a href="#">FMR</a>
	25	FTLTX	Fidelity Series Long-Term Treasury Bond Index Fur	7.86	<a href="#">FMR</a>

\* Due to limited space not all rows or columns are shown here



## 10.5 Client/Mutual Fund Table stores foreign keys and noofmfunds

		ABC CLIENTTAXID	ABC MFUNDTICK	123 NOOFMFUNDS
		684-89-9107	FANAX	250
2		695-13-8456	FNRCX	250
3		214-02-2278	FANIX	250
4		691-11-9645	FIKAX	250
5		520-48-2747	FAGNX	250
6		824-42-4419	FGDIX	250
7		676-82-5176	FIJDX	250
8		143-16-6485	FGDTX	250
9		653-41-3399	FGDAX	250
10		226-74-1767	FGDCX	250
11		836-72-7280	FIQMX	250
12		119-07-5700	FLFIX	250
13		632-24-0701	FLFTX	250
14		358-84-3303	FLFAX	250
15		288-37-3396	FLFCX	250
16		551-77-2311	FFNPX	250
17		222-74-7187	FLATX	250
18		785-69-1965	FNBGX	250
19		537-75-5604	FBLTX	250
20		207-37-0556	FSRBX	250
21		697-10-7325	FSENX	250
22		520-45-3154	FSESX	250
23		830-48-5007	FSAGX	250
24		364-32-7913	FTLTX	250
25		478-02-3743	GLDAX	250

\* Due to limited space not all rows or columns are shown here

## 10.6 Fund Family Table stores data of top mutual fund families

Grid		ABC FUNDFID	ABC FUNDFNAME	ABC FUNDFCITY	ABC FUNDFSTATE	ABC FUNDFZIP
		1	2	3	4	5
Text	1	MFS	MFS INVESTMENT MANAGEMENT	KANSAS CITY	MO	64121-9341
	2	VAMS	VANGUARD ASSET MANAGEMENT SERVICES	EL PASO	TX	79998-2901
	3	FMR	FIDELITY MANAGEMENT & RESEARCH	KC1H COVINGTON	KY	41015
	4	GUGGE	GUGGENHEIM INVESTMENTS	ROCKVILLE	MD	20849-0839
	5	GSAM	GOLDMAN SACHS ASSET MANAGEMENT	NEW YORK	NY	10282
	6	HFMG	HARTFORD FUNDS MANAGEMENT GROUP	KANSAS CITY	MO	64121-9060
	7	WFAM	WELLS FARGO ASSET MANAGEMENT	KANSAS CITY	MO	64121-9967
	8	PUTNAM	PUTNAM INVESTMENTS	KANSAS CITY	MO	64105-1407
	9	ICM	INVESCO CAPITAL MANAGEMENT LLC	DOWNERS GROVE	IL	60515
	10	GAMCO	GABELLI ASSET MANAGEMENT	RENO	NV	89501
	11	VCM	VICTORY CAPITAL MANAGEMENT	COLUMBUS	OH	43219
	12	NUVEEN	NUVEEN INVESTMENTS	KANSAS CITY	MO	64121-9307
	13	JPMAM	JP MORGAN ASSET MANAGEMENT	BOSTON	MA	02266-8528

\* Due to limited space not all rows or columns are shown here

## 11. IMS DML & DDL Operations

Contribution from all team members

### 11.1 Inserting a record into IMS Table

```
INSERT INTO FUNDF_T (FUNDFID, FUNDFNAME, FUNDFADDRESS, FUNDFCITY,  
FUNDFSTATE, FUNDFZIP)  
VALUES ('JPMAM', 'JP MORGAN ASSET MANAGEMENT', 'P.O BOX 8528', 'BOSTON',  
'MA', '02266-8528');  
SELECT * FROM FUNDF_T ft WHERE FUNDFID = 'JPMAM';
```

Grid	ABC FUNDFID	ABC FUNDFNAME	ABC FUNDFADDRESS	ABC FUNDFCITY	ABC FUNDFSTATE	ABC FUNDFZIP
1	JPMAM	JP MORGAN ASSET MANAGEMENT	P.O BOX 8528	BOSTON	MA	02266-8528

### 11.2 Updating a record in IMS Table

```
UPDATE FUNDF_T SET FUNDFADDRESS='J.P. MORGAN FUNDS, PO BOX 8528'  
WHERE FUNDFID='JPMAM';  
SELECT * FROM FUNDF_T ft WHERE FUNDFID = 'JPMAM';
```

Grid	ABC FUNDFID	ABC FUNDFNAME	ABC FUNDFADDRESS	ABC FUNDFCITY	ABC FUNDFSTATE	ABC FUNDFZIP
1	JPMAM	JP MORGAN ASSET MANAGEMENT	J.P. MORGAN FUNDS, PO BOX 8528	BOSTON	MA	02266-8528

### 11.3 Deleting a record from IMS Table

```
DELETE FUNDF_T WHERE FUNDFID='JPMAM';  
SELECT * FROM FUNDF_T ft WHERE FUNDFID = 'JPMAM';  
NO ROWS SELECTED
```

## 11.4 Create or Replace View

```
CREATE OR REPLACE VIEW VUEOFNYANDIL AS SELECT CLIENTNAME, CLIENTSTATE FROM  
CLIENT_T WHERE CLIENTSTATE IN ('NY', 'IL');
```

```
SELECT * FROM VUEOFNYANDIL ORDER BY CLIENTSTATE;
```

	Grid	ABC CLIENTNAME	ABC CLIENTSTATE
		1 Cathyleen MacKean	IL
		2 Imogen Dumphy	IL
		3 Eolande Bothen	IL
		4 Hendrika Kervin	IL
		5 Hedwig Cottell	IL
		6 Brander Talman	IL
		7 Gladi Matches	IL
		8 Costanza Mephan	IL
		9 Mose Winters	IL
		10 Naomi Sally	IL
		11 Lorrie Dolden	IL
		12 Carilyn Poulson	IL
		13 Valentino Goodwyn	NY
		14 Jeff McEachern	NY
		15 Joannes McNiff	NY
		16 Jenifer Makeswell	NY
		17 Shanie Money	NY
		18 Malory Ambrose	NY
		19 Cathrine Neubigging	NY
		20 Christel Laurenzi	NY
		21 Thorny McQuilliam	NY
		22 Trevar Lampl	NY
		23 Maggi Gunner	NY

## 12. IMS Database with Oracle SQL\* Plus

Contribution from all team members

### 12.1 Simple Select Query

```
SELECT STOCKTICK, STOCKNAME, STOCKCURRENTPRICE FROM STOCK_T WHERE  
STOCKCURRENTPRICE BETWEEN 10 AND 100;
```

Grid	ABC STOCKTICK	ABC STOCKNAME	123 STOCKCURRENTPRICE
1	AEP	American Electric Power Company	83.67
2	AMD	Adv Micro Devices	79.06
3	ATVI	Activision Blizzard	90.49
4	CERN	Cerner Corp	71.95
5	CMCSA	Comcast Corp A	55.46
6	CSCO	Cisco Systems Inc	48.98
7	CSX	CSX Corp	90.77
8	CTSH	Cognizant Tech Sol	76.55
9	EBAY	Ebay Inc	59.73
10	EXC	Exelon Corp	42.97
11	FAST	Fastenal Company	47.63
12	FOX	Fox Corp Cl B	40.35
13	FOXA	Fox Corp Cl A	42.92
14	GILD	Gilead Sciences Inc	64.46
15	INCY	Incyte Corp	79.37
16	INTC	Intel Corp	63.76
17	JD	Jd.com Inc Ads	84.99
18	KDP	Keurig Dr Pepper Inc	34.14
19	KHC	Kraft Heinz Company	39.14
20	MDLZ	Mondelez Intl Inc	58.15
21	MNST	Monster Beverage Cp	87.92
22	MRVL	Marvell Tech Group	47.89
23	MU	Micron Technology	90.51
24	MXIM	Maxim Integrated	89.32
25	PAYX	Paychex Inc	95.84

\* Due to limited space not all rows or columns are shown here

## 12.2 Inner Join

Displays matching records on both table on the given condition

```
SELECT FUNDFNAME, MFUNDNAME, MFUNDTICK FROM FUNDF_T INNER JOIN MFUND_T ON
FUNDF_T.FUNDFID=MFUND_T.FUNDFID;
```

	FUNDFNAME	MFUNDNAME	MFUNDTICK
1	Fidelity Investments	Fidelity Advisor Energy Class A	FANAX
2	Fidelity Investments	Fidelity Advisor Energy Class C	FNRCX
3	Fidelity Investments	Fidelity Advisor Energy Fund	FANIX
4	Fidelity Investments	Fidelity Advisor Energy Fund	FIKAX
5	Fidelity Investments	Fidelity Advisor Energy Fund - Class M	FAGNX
6	Fidelity Investments	Fidelity Advisor Gold Fund	FGDIX
7	Fidelity Investments	Fidelity Advisor Gold Fund	FJDX
8	Fidelity Investments	Fidelity Advisor Gold Fund - Class M	FGDTX
9	Fidelity Investments	Fidelity Advisor Gold Fund Class A	FGDAX
10	Fidelity Investments	Fidelity Advisor Gold Fund Class C	FGDCX
11	Fidelity Investments	Fidelity Advisor Latin America Fund	FIQMX
12	Fidelity Investments	Fidelity Advisor Latin America Fund	FLFIX
13	Fidelity Investments	Fidelity Advisor Latin America Fund - Class M	FLFTX
14	Fidelity Investments	Fidelity Advisor Latin America Fund CI A	FLFAX
15	Fidelity Investments	Fidelity Advisor Latin America Fund CI C	FLFCX
16	Fidelity Investments	Fidelity Flex Intrinsic Opportunities Fund	FFNPX
17	Fidelity Investments	Fidelity Latin America Fund	FLATX
18	Fidelity Investments	Fidelity Long-Term Treasury Bond Index Fund	FNBGX
19	Fidelity Investments	Fidelity Sai Long-Term Treasury Bond Index Fund	FBLTX
20	Fidelity Investments	Fidelity Select Banking Portfolio	FSRBX
21	Fidelity Investments	Fidelity Select Energy	FSENX
22	Fidelity Investments	Fidelity Select Energy Services Pt	FSESX
23	Fidelity Investments	Fidelity Select Gold Pt	FSAGX
24	Fidelity Investments	Fidelity Series Long-Term Treasury Bond Index Fund	FTLTX
25	Gabelli Asset Management	Gabelli Gold Fund Inc. Class A	GLDAX

\* Due to limited space not all rows or columns are shown here

## 12.3 Left Join

Displays matching records in both tables on the given condition and all records in the left table

```
SELECT * FROM (select FUNDFNAME, MFUNDNAME FROM FUNDF_T LEFT JOIN MFUND_T
ON FUNDF_T.FUNDFID=MFUND_T.FUNDFID ORDER BY ROWNUM DESC);
```

	FUNDFNAME	MFUNDNAME
1	MFS Investment	[NULL]
2	JP Morgan Funds	[NULL]
3	Wells Fargo Funds	[NULL]
4	Nuveen Investments	[NULL]
5	Vanguard Investments	Wells Fargo Small Company Value Fund-R6
6	Vanguard Investments	Wells Fargo Small Company Value Fund Class C
7	Vanguard Investments	Wells Fargo Small Company Value Fund Class Admin
8	Vanguard Investments	Wells Fargo Small Company Value Fund Class A
9	Vanguard Investments	Victory Integrity Discovery Fund Member Class
10	Vanguard Investments	Victory Integrity Discovery Fund Class Y
11	Vanguard Investments	Victory Integrity Discovery Fund Class R
12	Vanguard Investments	Victory Integrity Discovery Fund Class C
13	Vanguard Investments	Victory Integrity Discovery Fund Class A
14	Vanguard Investments	Victory Global Natural Resources Fund - Class Y
15	Vanguard Investments	Victory Global Natural Resources Fund - Class R
16	Vanguard Investments	Victory Global Natural Resources Fund - Class C
17	Victory Funds	Victory Global Natural Resources Fund - Class A
18	Vanguard Investments	Vanguard S&P Smallcap 600 Value Index Fd Insti C
19	Vanguard Investments	Vanguard Lt Corporate Bond Index Fund Inst
20	Vanguard Investments	Vanguard Lt Corporate Bond Index Fund Admiral Sh
21	Vanguard Investments	Vanguard Long-Term Treasury Index Fund Instituti
22	Vanguard Investments	Vanguard Long-Term Treasury Index Fund Admiral S
23	Vanguard Investments	Vanguard Long-Term Treasury Fund
24	Vanguard Investments	Vanguard Long-Term Treasury Fd Admiral Shs
25	Vanguard Investments	Vanguard Long-Term Investment Grade Fund Investo

\* Due to limited space not all rows or columns are shown here

## 12.4 Select / Order By

```
SELECT CLIENTNAME, CLIENTSTATE FROM CLIENT_T ORDER BY CLIENTSTATE;
```

	ABC CLIENTNAME	ABC CLIENTSTATE
1	Berri Matthias	AL
2	Dudley Gratten	AL
3	Keelby Tidbury	AL
4	Ainslie Spillane	AR
5	Camella Vasyaev	AR
6	Holly Vanyushkin	AR
7	Bard Rumming	AZ
8	Deana Larmuth	AZ
9	Kate Rupel	AZ
10	Bryon Kunkler	AZ
11	Guglielmo Mannock	CA
12	Lowrance Gothliff	CA
13	Analise Willimont	CA
14	Gwendolin Lawdham	CA
15	Feliza Muckeen	CA
16	Roxy Antcliff	CA
17	Krishna Atrill	CA
18	Adolpho Biddlestone	CA
19	Harrie Klaussen	CA
20	Rebecca Schulkins	CA
21	Lloyd Ridel	CA
22	Kaylyn Cleiment	CA
23	Emmanuel Undy	CA
24	Edi Frangleton	CA
25	Giselle Dilawey	CA

\* Due to limited space not all rows or columns are shown here



## 12.5 Select / Group By

```
SELECT CLIENTSTATE, COUNT(CLIENTTAXID) FROM CLIENT_T GROUP BY CLIENTSTATE
```

	CLIENTSTATE	COUNT(CLIENTTAXID)
1	FL	24
2	NM	2
3	AR	3
4	WI	2
5	LA	5
6	VA	6
7	DE	2
8	NE	2
9	CA	31
10	TX	24
11	NV	5
12	MN	5
13	MI	6
14	WA	4
15	MA	6
16	IN	3
17	SD	4
18	NY	11
19	KY	5
20	WV	4
21	SC	2
22	OK	3
23	MO	4
24	DC	9
25	TN	4

\* Due to limited space not all rows or columns are shown here

## 12.6 Select / Group By Having

```
SELECT CLIENTSTATE, COUNT(CLIENTTAXID) FROM CLIENT_T GROUP BY CLIENTSTATE  
HAVING COUNT(CLIENTTAXID)>10;
```

	ABC CLIENTSTATE	123 COUNT(CLIENTTAXID)
1	FL	24
2	CA	31
3	TX	24
4	NY	11
5	IL	12

## 12.7 Select / Select (Sub Query)

```
SELECT STOCKTICK, STOCKNAME FROM STOCK_T WHERE STOCKCURRENTPRICE IN (SELECT  
MAX(STOCKCURRENTPRICE) FROM STOCK_T);
```

	ABC STOCKTICK	ABC STOCKNAME
1	AMZN	Amazon.com Inc

## 13. IMS Stored Procedures

### 13.1 Stored Procedures by Sanjay D

**rating** : Analyzes stocks by stock rating

It takes the form *Procedure(OUT, OUT, OUT)*.

**sectors** : Analyzes stocks by different stock sectors

It takes the form *Procedure(OUT, OUT, OUT, OUT, OUT, OUT, OUT, OUT, OUT, OUT)*.

PL/SQL Code for stored procedure rating

SQL Preview:

```
CREATE OR REPLACE PROCEDURE SDAVID.rating(bu OUT number, se OUT number, hd OUT number) AS
BEGIN
    select count(*) INTO bu from stock_t where stockrating LIKE '%Buy';
    select count(*) INTO se from stock_t where stockrating LIKE '%Sell';
    select count(*) INTO hd from stock_t where stockrating LIKE '%Hold';
END;
```

PL/SQL Code for stored procedure sectors

SQL Preview:

```
CREATE OR REPLACE PROCEDURE SDAVID.SECTORS(TR OUT NUMBER, HC OUT NUMBER, TE OUT NUMBER,
CD OUT NUMBER, CN OUT NUMBER, CS OUT NUMBER, PU OUT NUMBER, CG OUT NUMBER, TP OUT NUMBER,
MS OUT NUMBER) AS
BEGIN
    SELECT COUNT(*) INTO TR FROM STOCK_T;
    SELECT COUNT(*) INTO HC FROM STOCK_T WHERE STOCKPRIBUS LIKE 'Health%';
    SELECT COUNT(*) INTO TE FROM STOCK_T WHERE STOCKPRIBUS LIKE 'Tech%';
    SELECT COUNT(*) INTO CD FROM STOCK_T WHERE STOCKPRIBUS LIKE 'Consumer Durable';
    SELECT COUNT(*) INTO CN FROM STOCK_T WHERE STOCKPRIBUS LIKE 'Consumer Non%';
    SELECT COUNT(*) INTO CS FROM STOCK_T WHERE STOCKPRIBUS LIKE '%Services%';
    SELECT COUNT(*) INTO PU FROM STOCK_T WHERE STOCKPRIBUS LIKE 'Public%';
    SELECT COUNT(*) INTO CG FROM STOCK_T WHERE STOCKPRIBUS LIKE 'Capital%';
    SELECT COUNT(*) INTO TP FROM STOCK_T WHERE STOCKPRIBUS LIKE 'Trans%';
    SELECT COUNT(*) INTO MS FROM STOCK_T WHERE STOCKPRIBUS LIKE 'Misc%';
END;
```

## Calling PL/SQL Block

```
DECLARE
A NUMBER :=0; B NUMBER :=0; C NUMBER :=0;
S1 NUMBER :=0; S2 NUMBER :=0; S3 NUMBER :=0; S4 NUMBER :=0;
S5 NUMBER :=0; S6 NUMBER :=0; S7 NUMBER :=0; S8 NUMBER :=0;
S9 NUMBER :=0; S10 NUMBER :=0;
TODAY VARCHAR2(50);
BEGIN
    RATING(A, B, C);
    SECTORS(S1,S2,S3,S4,S5,S6,S7,S8,S9,S10);
    DBMS_OUTPUT.PUT_LINE('*****STOCK PORTFOLIO REPORT*****');
    DBMS_OUTPUT.PUT_LINE('-----');
    DBMS_OUTPUT.PUT_LINE('BY RATING');
    DBMS_OUTPUT.PUT_LINE('-----');
    DBMS_OUTPUT.PUT_LINE('BUY                = ' || A);
    DBMS_OUTPUT.PUT_LINE('SELL                = ' || B);
    DBMS_OUTPUT.PUT_LINE('HOLD                = ' || C);
    DBMS_OUTPUT.PUT_LINE('TOTAL              = ' || S1);
    DBMS_OUTPUT.NEW_LINE();
    DBMS_OUTPUT.NEW_LINE();
    DBMS_OUTPUT.PUT_LINE('BY SECTOR');
    DBMS_OUTPUT.PUT_LINE('-----');
    DBMS_OUTPUT.PUT_LINE('HEALTHCARE          = ' || S2);
    DBMS_OUTPUT.PUT_LINE('TECHNOLOGY          = ' || S3);
    DBMS_OUTPUT.PUT_LINE('CONSUMER DURABLES   = ' || S4);
    DBMS_OUTPUT.PUT_LINE('CONSUMER NON DURABLES = ' || S5);
    DBMS_OUTPUT.PUT_LINE('CONSUMER SERVICES   = ' || S6);
    DBMS_OUTPUT.PUT_LINE('UTILITIES           = ' || S7);
    DBMS_OUTPUT.PUT_LINE('CAPITAL GOODS       = ' || S8);
    DBMS_OUTPUT.PUT_LINE('TRANSPORTATION      = ' || S9);
    DBMS_OUTPUT.PUT_LINE('MISC                = ' || S10);
    DBMS_OUTPUT.PUT_LINE('-----');
    SELECT TO_CHAR(CURRENT_DATE, 'DD-MM-YYYY HH:MI:SS') INTO TODAY FROM DUAL;
    DBMS_OUTPUT.PUT_LINE(TODAY);
END;
```

## Output / Report

```
Output ✕
*****STOCK PORTFOLIO REPORT*****
-----
BY RATING
-----
BUY                = 65
SELL               = 35
HOLD               = 0
TOTAL              = 100

BY SECTOR
-----
HEALTHCARE         = 12
TECHNOLOGY         = 47
CONSUMER DURABLES  = 0
CONSUMER NON DURABLES = 8
CONSUMER SERVICES  = 18
UTILITIES          = 2
CAPITAL GOODS      = 4
TRANSPORTATION     = 1
MISC               = 8
-----
11-04-2021 05:21:22
```

## 13.2 Stored Procedures by Jonathan Liu

**query\_industry** – Returns corresponding industry for a given Stock Ticker.  
It takes the form *Procedure(IN,OUT)*.

### PL/SQL Code for stored procedure query\_industry

```
CREATE OR REPLACE PROCEDURE QUERY_INDUSTRY (  
V_SYMBOL IN SDAVID.STOCK_T.STOCKTICK%TYPE,  
V_INDUSTRY OUT SDAVID.STOCK_T.STOCKPRIBUS%TYPE)  
IS  
BEGIN  
    SELECT SDAVID.STOCK_T.STOCKPRIBUS  
    INTO V_INDUSTRY  
    FROM SDAVID.STOCK_T  
    WHERE SDAVID.STOCK_T.STOCKTICK=V_SYMBOL;  
END QUERY_INDUSTRY;
```

### Calling PL/SQL Block

```
DECLARE  
    STOCKTICKER SDAVID.STOCK_T.STOCKTICK%TYPE := 'GILD';  
    INDUSTRY SDAVID.STOCK_T.STOCKPRIBUS%TYPE;  
  
BEGIN  
    QUERY_INDUSTRY(STOCKTICKER,INDUSTRY);  
    DBMS_OUTPUT.PUT_LINE('=====');  
    DBMS_OUTPUT.PUT_LINE(STOCKTICKER || ' || INDUSTRY);  
    DBMS_OUTPUT.PUT_LINE('=====');  
END;
```

### Output

```
=====
GILD          Healthcare
=====
```

### 13.3 Stored Procedures by Nathalie Doan

**update\_stock\_price** – Updates the current stock price for a given Stock Ticker  
It takes the form *Procedure(IN, IN)*.

#### PL/SQL Code for stored procedure update\_stock\_price

```
--PROCEDURE NAME : UPDATE_STOCK_PRICE
--AUTHOR          : NATHALIE DOAN
--USAGE           : UPDATE_STOCK_PRICE(STOCKTICKER,PERCENTAGE)

CREATE OR REPLACE PROCEDURE UPDATE_STOCK_PRICE
(V_STOCKTICK IN SDAVID.STOCK_T.STOCKTICK%TYPE,
 V_PCT IN NUMBER)
IS
BEGIN
UPDATE SDAVID.STOCK_T
SET SDAVID.STOCK_T.STOCKCURRENTPRICE = SDAVID.STOCK_T.STOCKCURRENTPRICE + (SDAVID.STOCK_T.STOCKCURRENTPRICE * (V_PCT/100))
WHERE SDAVID.STOCK_T.STOCKTICK = V_STOCKTICK;
END;
```

#### Calling PL/SQL Block

```
DECLARE
-- Nothing to Declare

BEGIN
UPDATE_STOCK_PRICE('AAPL', -5);
END;
```

#### Output of SELECT before stock price update

Grid		ABC STOCKNAME	ABC STOCKTICK	123 STOCKCURRENTPRICE
	1	Apple Inc	AAPL	119.99

#### Output of SELECT after stock price update by 10 percent

Grid		ABC STOCKNAME	ABC STOCKTICK	123 STOCKCURRENTPRICE
	1	Apple Inc	AAPL	131.99

#### Output of SELECT after stock price update by -5 percent

Grid		ABC STOCKNAME	ABC STOCKTICK	123 STOCKCURRENTPRICE
	1	Apple Inc	AAPL	125.39

## 13.4 Stored Procedures by Adnan Elahi

**query\_client** - Returns client name, client type and client city for a given ClientTaxID  
It takes the form *Procedure(IN, OUT, OUT,OUT)*.

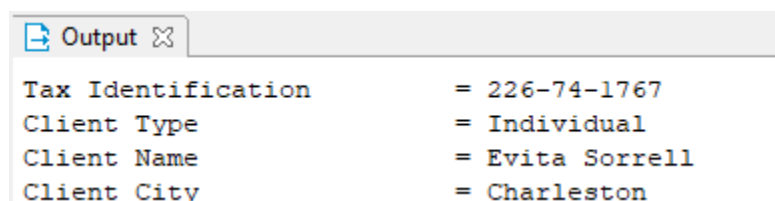
PL/SQL Code for stored procedure query\_client

```
CREATE OR REPLACE PROCEDURE QUERY_CLIENT
(C_ID IN SDAVID.CLIENT_T.CLIENTTAXID%TYPE,
 C_TYPE OUT SDAVID.CLIENT_T.CLIENTTYPE%TYPE,
 C_NAME OUT SDAVID.CLIENT_T.CLIENTNAME%TYPE,
 C_CITY OUT SDAVID.CLIENT_T.CLIENTCITY%TYPE)
IS
BEGIN
    SELECT SDAVID.CLIENT_T.CLIENTTYPE,
           SDAVID.CLIENT_T.CLIENTNAME,
           SDAVID.CLIENT_T.CLIENTCITY
    INTO C_TYPE, C_NAME, C_CITY
    FROM SDAVID.CLIENT_T
    WHERE SDAVID.CLIENT_T.CLIENTTAXID=C_ID;
END QUERY_CLIENT;
```

Calling PL/SQL Block

```
DECLARE
TAXID SDAVID.CLIENT_T.CLIENTTAXID%TYPE := '226-74-1767' ;
CTYPE SDAVID.CLIENT_T.CLIENTTYPE%TYPE;
CNAME SDAVID.CLIENT_T.CLIENTNAME%TYPE;
CCITY SDAVID.CLIENT_T.CLIENTCITY%TYPE;
BEGIN
QUERY_CLIENT(TAXID,CTYPE,CNAME,CCITY);
dbms_output.put_line('Tax Identification'      = '||TAXID);
dbms_output.put_line('Client Type'            = '||CTYPE);
dbms_output.put_line('Client Name'            = '||CNAME);
dbms_output.put_line('Client City'            = '||CCITY);
END;
```

Output



The screenshot shows an IDE window titled "Output" with a list of variables and their values. The variables are Tax Identification, Client Type, Client Name, and Client City. Their values are 226-74-1767, Individual, Evita Sorrell, and Charleston respectively.

Tax Identification	= 226-74-1767
Client Type	= Individual
Client Name	= Evita Sorrell
Client City	= Charleston



## 14. IMS Custom Object Views

### 14.1 Custom Object Views by Sanjay D

Object Type : MFUND\_TP

Object View : MFUND\_TOP25

Purpose : Provides custom view of top 25 Mutual Funds by Price

PL/SQL Code for Object Type MFUND\_TP and Object View MFUND\_TOP25

```
CREATE OR REPLACE TYPE MFUND_TP AS OBJECT (  
    MFUNDTICK VARCHAR(6),  
    MFUNDLOWPRICE DECIMAL(6,2),  
    MFUNDHIGHPRICE DECIMAL(6,2),  
    MFUNDCURRENTPRICE DECIMAL(6,2)  
);  
  
CREATE OR REPLACE VIEW MFUND_TOP25 OF MFUND_TP  
WITH OBJECT IDENTIFIER (MFUNDTICK) AS  
SELECT * FROM (SELECT MT.MFUNDTICK, MT.MFUNDLOWPRICE, MT.MFUNDHIGHPRICE, MT.MFUNDCURRENTPRICE  
FROM MFUND_T MT  
ORDER BY MT.MFUNDCURRENTPRICE  
DESC) WHERE ROWNUM<=25;  
  
SELECT * FROM MFUND_TOP25;
```

*Output Shown in next page*

Object View of MFUND\_TOP25

	Grid	MFUNDTICK	MFUNDLOWPRICE	MFUNDHIGHPRICE	MFUNCURRENTPRICE
1		VSMVX	157.33	389.97	376.42
2		RYRUX	51.79	257.96	241.91
3		RYRSX	51.46	256.19	240.25
4		RYRLX	46.17	228.32	214.09
5		RYSVX	61.1	179.6	171.8
6		RYAZX	60.95	179.15	171.37
7		RYEIX	66.34	166.69	154.8
8		RYYCX	51.95	151.6	145
9		RYENX	61.6	154.36	143.34
10		RYEAX	59.59	149.36	138.7
11		RYECX	53.49	133.12	123.6
12		RYKIX	42.92	99.88	98.17
13		VEDIX	92.8	127.65	93.68
14		RYBKX	38.77	89.6	88.07
15		RYKAX	37.71	87.13	85.64
16		RYMHX	62.13	153.31	63.71
17		RYAGX	62.09	153.21	63.67
18		RYTPX	59.66	236.8	61.52
19		RYTMX	59.46	236	61.31
20		RYCLX	54.33	134.31	55.71
21		RYCWX	53.64	220.85	54.9
22		RYIDX	53.44	220.25	54.69
23		RYSHX	52.6	141.4	54.22
24		RYAFX	52.4	140.8	54.01
25		RYCBX	51.03	204.15	52.61

## 14.2 Custom Object Views by Johnathan Liu

Object Type : STOCK\_TP

Object View : STOCK\_RATING

Purpose : Provides custom view of Stocks with BUY rating

PL/SQL Code for Object Type STOCK\_TP and Object View STOCK\_RATING

```
-- CREATE TYPE STOCK_TP AS OBJECT (  
  STOCKTICK VARCHAR(6),  
  STOCKNAME VARCHAR(60),  
  STOCKRATING VARCHAR(10)  
);  
  
-- CREATE VIEW STOCK_RATING OF STOCK_TP  
WITH OBJECT IDENTIFIER (STOCKTICK) AS  
SELECT S.STOCKTICK , S.STOCKNAME , S.STOCKRATING  
FROM STOCK_T S  
WHERE STOCKRATING LIKE '% Buy';  
  
SELECT * FROM STOCK_RATING;
```

Object View of STOCK\_RATING

	STOCKTICK	STOCKNAME	STOCKRATING
1	ADI	Analog Devices	40% Buy
2	ADP	Automatic Data Procs	100% Buy
3	ALGN	Align Technology	40% Buy
4	ALXN	Alexion Pharm Inc	40% Buy
5	AMAT	Applied Materials	80% Buy
6	AMGN	Amgen Inc	24% Buy
7	ASML	Asml Hld NY Reg	40% Buy
8	ATVI	Activision Blizzard	40% Buy
9	AVGO	Broadcom Ltd	80% Buy
10	BIDU	Baidu Inc	56% Buy
11	BKNG	Booking Holdings Inc	88% Buy
12	CDNS	Cadence Design Sys	24% Buy
13	CDW	CDW Corp	100% Buy
14	CHTR	Charter Communication	24% Buy
15	CMCSA	Comcast Corp A	100% Buy
16	CSCO	Cisco Systems Inc	100% Buy
17	CSX	CSX Corp	72% Buy
18	CTSH	Cognizant Tech Sol	24% Buy
19	DLTR	Dollar Tree Inc	72% Buy
20	EBAY	Ebay Inc	72% Buy
21	EXC	Exelon Corp	72% Buy
22	FAST	Fastenal Company	32% Buy
23	FB	Facebook Inc	56% Buy
24	FISV	Fiserv Inc	100% Buy
25	FOX	Fox Corp Cl B	100% Buy

### 14.3 Custom Object Views by Nathalie Doan

Object Type : CLIENT\_TP

Object View : CLIENT\_CITY

Purpose : Provides custom view of Clients from a given city

PL/SQL Code for Object Type CLIENT\_TP and Object View CLIENT\_CITY

```
-- CREATE TYPE CLIENT_TP AS OBJECT (  
  CLIENTTAXID VARCHAR(11),  
  CLIENTNAME VARCHAR(60),  
  CLIENTZIP VARCHAR(10)  
);  
  
-- CREATE VIEW CLIENT_CITY OF CLIENT_TP  
  WITH OBJECT IDENTIFIER (CLIENTTAXID) AS  
  SELECT C.CLIENTTAXID , C.CLIENTNAME , C.CLIENTZIP  
  FROM CLIENT_T C  
  WHERE CLIENTSTATE = 'CT';  
  
SELECT * FROM CLIENT_CITY;
```

Object View of CLIENT\_CITY

Grid	CLIENTTAXID	CLIENTNAME	CLIENTZIP
1	632-24-0701	Ciro Pfeifer	06520
2	468-62-7883	Jerrold Liles	06120

## 14.4 Custom Object Views by Adnan Elahi

Object Type : FUNDF\_TP

Object View : FUNDF\_WMFUNDS

Purpose : Provides custom view of Mutual Funds managed by given Mutual Funds Family

PL/SQL Code for Object Type FUNDF\_TP and Object View FUNDF\_WMFUNDS

```
--  
--  
-- CREATE OR REPLACE TYPE FUNDF_TP AS OBJECT (  
FUNDFID VARCHAR(11),  
FUNDFNAME VARCHAR(60),  
MFUNDNAME VARCHAR(60),  
MFUNDTICK VARCHAR(6)  
);  
  
-- CREATE VIEW FUNDF_WMFUNDS OF FUNDF_TP  
WITH OBJECT IDENTIFIER (FUNDFID) AS  
SELECT FT.FUNDFID, FT.FUNDFNAME , MT.MFUNDNAME, MT.MFUNDTICK  
FROM FUNDF_T FT  
INNER JOIN MFUND_T MT ON FT.FUNDFID=MT.FUNDFID;  
  
SELECT * FROM fundf_wmfunds WHERE fundfid='GAMCO';
```

Object View of FUNDF\_WMFUNDS

	ABC FUNDFID	ABC FUNDFNAME	ABC MFUNDNAME	ABC MFUNDTICK
1	GAMCO	GABELLI ASSET MANAGEMENT	Gabelli Gold Fund Inc. Class A	GLDAX
2	GAMCO	GABELLI ASSET MANAGEMENT	Gabelli Gold Fund Inc. Class AAA	GOLDX
3	GAMCO	GABELLI ASSET MANAGEMENT	Gabelli Gold Fund Inc. Class C	GLDCX
4	GAMCO	GABELLI ASSET MANAGEMENT	Gabelli Gold Fund Inc. Class I	GLDIX

## 15. Appendix

## A1: Data Load for CLIENT\_T Table

--Data Load SQL for CLIENT\_T Table

--Created on 03/20/2021

--Compiled by Sanjay D

SET DEFINE OFF

```
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('684-89-9107', 'Business', 'Guglielmo Mannock', '93 Dryden Trail', 'Mountain View', 'CA', '94042');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('695-13-8456', 'Individual', 'Gwendolin Lawdham', '60056 Hintze Drive', 'Sacramento', 'CA', '94245');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('214-02-2278', 'Individual', 'Ezechiele Josephy', '9255 Birchwood Parkway', 'Lake Worth', 'FL', '33462');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('691-11-9645', 'Individual', 'Doyle Mapowder', '7 Spenser Road', 'San Antonio', 'TX', '78210');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('520-48-2747', 'Individual', 'Carlene McQuorkell', '58 Mitchell Road', 'Sioux Falls', 'SD', '57110');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('824-42-4419', 'Business', 'Malory Ambrose', '37752 Petterle Center', 'Albany', 'NY', '12262');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('676-82-5176', 'Individual', 'Analise Willimont', '669 Evergreen Court', 'Orange', 'CA', '92862');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('143-16-6485', 'Individual', 'Frannie Willers', '09473 Clarendon Alley', 'Lexington', 'KY', '40505');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('653-41-3399', 'Individual', 'Lorianna Gillian', '0 Moose Drive', 'Washington', 'DC', '20530');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('226-74-1767', 'Individual', 'Evita Sorrell', '86 Novick Hill', 'Charleston', 'WV', '25305');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('836-72-7280', 'Individual', 'Aimee Maxwaile', '460 Graedel Alley', 'Las Vegas', 'NV', '89178');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('119-07-5700', 'Individual', 'Prentice Dayer', '700 Petterle Pass', 'Loretto', 'MN', '55598');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('632-24-0701', 'Individual', 'Ciro Pfeifer', '6554 Golden Leaf Way', 'New Haven', 'CT', '06520');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('358-84-3303', 'Individual', 'Boris Risborough', '46521 Bartillon Hill', 'Ann Arbor', 'MI', '48107');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('288-37-3396', 'Individual', 'Berri Matthias', '398 5th Drive', 'Birmingham', 'AL', '35205');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('551-77-2311', 'Individual', 'Carmencita Nevin', '1 Erie Junction', 'Columbus', 'OH', '43204');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('222-74-7187', 'Individual', 'Gilberte Lethardy', '17 Talmadge Lane', 'Duluth', 'GA',
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'30096');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('785-69-1965', 'Individual', 'Rebecca Schulkins', '09069 Forest Dale Place', 'San
Francisco', 'CA', '94177');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('537-75-5604', 'Business', 'Mychal Spiller', '2680 Waxwing Alley', 'Orlando', 'FL', '32808');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('207-37-0556', 'Individual', 'Andriette Jude', '15303 Nancy Crossing', 'Jersey City', 'NJ',
'07310');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('697-10-7325', 'Individual', 'Lloyd Ridel', '2306 Esch Drive', 'San Francisco', 'CA', '94154');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('520-45-3154', 'Individual', 'Kaylyn Cleiment', '33242 Muir Terrace', 'San Bernardino',
'CA', '92405');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('830-48-5007', 'Individual', 'Ada Thornthwaite', '022 Forster Road', 'Atlanta', 'GA',
'30380');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('364-32-7913', 'Business', 'Torrance Clemendot', '6 David Avenue', 'Anderson', 'SC',
'29625');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('478-02-3743', 'Individual', 'Emmanuel Undy', '9330 Green Ridge Alley', 'Santa Cruz',
'CA', '95064');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('803-89-1118', 'Individual', 'Edi Frangleton', '344 Riverside Crossing', 'Los Angeles', 'CA',
'90055');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('576-29-7296', 'Individual', 'Dudley Gratten', '6788 Meadow Ridge Point', 'Birmingham',
'AL', '35285');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('551-70-2035', 'Business', 'Oliviero Waye', '15 Kensington Way', 'Louisville', 'KY', '40215');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('169-47-3102', 'Business', 'Beverie Lagden', '7361 Mariners Cove Alley', 'Colorado
Springs', 'CO', '80930');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('515-65-4018', 'Individual', 'Wallie Blackie', '85807 Pleasure Trail', 'New Orleans', 'LA',
'70116');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('775-39-8790', 'Individual', 'Giraud Styles', '451 Mesta Junction', 'Nashville', 'TN', '37220');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('512-96-3761', 'Individual', 'Giselle Dilawey', '5944 Farragut Circle', 'Fresno', 'CA', '93794');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('886-07-1879', 'Individual', 'Tyler Pittford', '90183 Dahle Trail', 'Saint Paul', 'MN', '55172');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('431-96-3181', 'Business', 'Klemens Babin', '163 Mariners Cove Drive', 'Santa Barbara',
'CA', '93111');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('415-53-3154', 'Business', 'Joycelin Blaney', '60 Beilfuss Street', 'Carlsbad', 'CA', '92013');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('719-12-6397', 'Individual', 'Patrizius Hylden', '8794 Hazelcrest Drive', 'Miami', 'FL', '33245');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('749-38-4537', 'Individual', 'Chiquia McLucky', '93 Amoth Parkway', 'Charlotte', 'NC',
'28215');

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INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('647-59-3047', 'Individual', 'Jonis Dicker', '71 Hallows Pass', 'Oklahoma City', 'OK',
'73173');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('625-38-2544', 'Individual', 'Ike Bilborough', '6 Rowland Plaza', 'Tacoma', 'WA', '98424');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('464-52-7434', 'Business', 'Jamal Tayt', '7517 Towne Street', 'Charlotte', 'NC', '28210');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('848-70-3112', 'Business', 'Eugene Spaducci', '19 Calypso Lane', 'Charleston', 'WV',
'25362');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('624-29-7181', 'Business', 'Catharina Breslin', '8736 Carberry Trail', 'Rockville', 'MD',
'20851');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('586-18-3503', 'Individual', 'Rosabella Baignard', '129 Jenifer Road', 'Eugene', 'OR',
'97405');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('148-91-9960', 'Individual', 'Cchaddie O"Hagirtie', '261 Banding Lane', 'Albuquerque',
'NM', '87110');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('781-01-2915', 'Business', 'Raimundo Lamplough', '38257 Quincy Circle', 'Lancaster', 'PA',
'17605');
INSERT
INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip)
values ('363-22-5622', 'Individual', 'Kate Rupel', '51287 Daystar Avenue', 'Tucson', 'AZ', '85732');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('196-93-1179', 'Business', 'Cathyleen MacKean', '173 Morning Center', 'Peoria', 'IL',
'61656');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('416-91-7992', 'Business', 'Vonni Wardrope', '5718 Graceland Crossing', 'Clearwater', 'FL',
'33763');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('253-14-4121', 'Individual', 'Kath Iacobassi', '1 Harbort Avenue', 'Denver', 'CO', '80299');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('716-62-4210', 'Individual', 'Lyssa Cobbold', '9923 Heath Junction', 'Houston', 'TX',
'77025');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('807-79-1729', 'Business', 'Carilyn Poulson', '1066 Warbler Trail', 'Chicago', 'IL', '60686');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('384-52-8372', 'Individual', 'Padget Harding', '13940 Westridge Center', 'Dayton', 'OH',
'45440');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('537-15-8843', 'Individual', 'Paulita Jorczyk', '518 Oneill Way', 'Newport News', 'VA',
'23612');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('316-40-7637', 'Business', 'Licha Fruchter', '20543 Village Street', 'Saint Louis', 'MO',
'63136');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('119-34-3907', 'Business', 'Iver Steanson', '8 Leroy Alley', 'Florence', 'SC', '29505');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('241-93-1885', 'Business', 'Virgil Verrillo', '45638 Doe Crossing Alley', 'San Antonio', 'TX',
'78225');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,

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ClientZip) values ('469-39-9234', 'Individual', 'Lorrie Dolden', '9 Briar Crest Drive', 'Carol Stream', 'IL', '60351');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('846-85-7238', 'Individual', 'Itch Garstan', '5 Warbler Avenue', 'Kansas City', 'MO', '64136');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('211-23-9695', 'Individual', 'Lorene Cheyne', '675 Corscot Circle', 'Olympia', 'WA', '98516');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('868-71-6295', 'Business', 'Kerriann Plaide', '318 Elgar Crossing', 'Sacramento', 'CA', '94237');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('501-46-7047', 'Individual', 'Timothea Chander', '2409 Southridge Center', 'Gulfport', 'MS', '39505');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('409-42-7030', 'Individual', 'Yuri Fergusson', '5 Fremont Circle', 'Charlotte', 'NC', '28278');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('833-57-3133', 'Individual', 'Noami Sally', '295 Dennis Plaza', 'Peoria', 'IL', '61635');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('508-33-1951', 'Business', 'Lindsay Colbourn', '1110 Tennessee Junction', 'Bonita Springs', 'FL', '34135');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('100-19-5259', 'Individual', 'Bryon Kunkler', '0 Pleasure Hill', 'Phoenix', 'AZ', '85083');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('750-02-9703', 'Individual', 'Lita Avramchik', '6796 Cherokee Place', 'New Orleans', 'LA', '70124');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('759-69-1723', 'Individual', 'Vasili Marshall', '267 Stoughton Crossing', 'Manchester', 'NH', '03105');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('335-67-4787', 'Individual', 'Saree Fowkes', '31 Lyons Crossing', 'Athens', 'GA', '30610');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('263-85-9433', 'Individual', 'Brodie Nabbs', '935 Crownhardt Drive', 'Louisville', 'KY', '40250');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('241-53-6732', 'Individual', 'Kenna Thomlinson', '14156 Raven Circle', 'Las Vegas', 'NV', '89178');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('377-70-3529', 'Individual', 'Kipper Seman', '45 Maple Place', 'Saint Louis', 'MO', '63136');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('243-90-6955', 'Business', 'Elvina Mielnik', '53772 Sommers Avenue', 'Charlotte', 'NC', '28272');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('678-02-4611', 'Individual', 'Maggi Gunner', '842 Meadow Valley Circle', 'Brooklyn', 'NY', '11220');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('450-69-0429', 'Business', 'Aeriell Marriot', '31652 John Wall Way', 'Sioux Falls', 'SD', '57105');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('555-20-2080', 'Individual', 'Alina Joseland', '78326 Canary Crossing', 'Houston', 'TX', '77250');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('267-03-5739', 'Individual', 'Lidia Sansun', '6264 Bonner Place', 'Katy', 'TX', '77493');

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INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('658-23-2400', 'Business', 'Rennie deKnevet', '5318 Morningstar Drive', 'Brockton', 'MA',
'02305');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('839-34-4916', 'Business', 'Shanie Money', '7530 Portage Avenue', 'New York City', 'NY',
'10175');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('468-62-7883', 'Business', 'Jerrold Liles', '3 Oak Pass', 'Hartford', 'CT', '06120');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('826-77-8981', 'Business', 'Sherwynd Dilston', '4168 Warner Plaza', 'Largo', 'FL', '34643');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('114-42-5951', 'Business', 'Ainslie Spillane', '6 Golf Course Pass', 'Fort Smith', 'AR', '72916');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('190-74-2353', 'Individual', 'Jeanette Brace', '197 Hazelcrest Lane', 'Portland', 'OR',
'97201');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('780-80-6494', 'Individual', 'Denver Charity', '61 Oxford Alley', 'Ocala', 'FL', '34474');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('117-56-2811', 'Individual', 'Jenifer Makeswell', '26433 Gulseth Pass', 'New York City', 'NY',
'10115');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('895-42-2533', 'Individual', 'Jobye Sommerville', '2262 Raven Junction', 'Boynton Beach',
'FL', '33436');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('434-06-9094', 'Individual', 'Mose Winters', '69426 Dennis Street', 'Chicago', 'IL', '60609');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('842-09-7166', 'Individual', 'Allen Maasze', '6 South Alley', 'Oklahoma City', 'OK', '73124');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('458-38-0827', 'Business', 'Sabina Goodoune', '9406 Kropf Plaza', 'Cincinnati', 'OH',
'45208');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('333-12-1441', 'Individual', 'Gretna Paz', '97 Comanche Drive', 'Tacoma', 'WA', '98405');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('133-96-9521', 'Business', 'Dorolice Hughesdon', '909 Barby Hill', 'Visalia', 'CA', '93291');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('474-05-5474', 'Individual', 'Auberta Tutchenner', '58096 Briar Crest
Parkway', 'Washington', 'DC', '20299');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('201-87-3929', 'Business', 'Phil Capnor', '8 Almo Drive', 'San Jose', 'CA', '95160');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('245-84-2619', 'Individual', 'Jeromy Collumbine', '62675 Grim Park', 'Shawnee Mission',
'KS', '66276');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('875-14-7346', 'Individual', 'Thia Neachell', '64 Pierstorff Lane', 'Elizabeth', 'NJ', '07208');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('396-27-7497', 'Business', 'Sasha Wason', '1 Mockingbird Drive', 'Dallas', 'TX', '75397');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('801-18-2586', 'Individual', 'Pooh Frangelo', '7 Pleasure Alley', 'Lansing', 'MI', '48930');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('287-50-9082', 'Individual', 'Jocelyn Vaan', '81086 Old Shore Circle', 'Jackson', 'MS',
'39216');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('479-05-3026', 'Business', 'Deana Larmuth', '39 Florence Circle', 'Tucson', 'AZ', '85754');

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INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('506-52-5384', 'Individual', 'Sheryl Cantillion', '30715 Montana Avenue', 'Trenton', 'NJ',
'08619');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('609-68-9418', 'Individual', 'Ruthy Archibald', '86 High Crossing Park', 'Charleston', 'WV',
'25305');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('805-11-0411', 'Individual', 'Melesa Dixson', '9 Stang Center', 'Sioux Falls', 'SD', '57188');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('702-18-9788', 'Business', 'Holden Buten', '2142 Sunnyside Court', 'Washington', 'DC',
'20546');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('448-72-0802', 'Individual', 'Carie Hazelhurst', '515 Heffernan Circle', 'Vienna', 'VA',
'22184');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('844-34-6405', 'Individual', 'Arly Keppel', '2 Morningstar Place', 'San Antonio', 'TX',
'78205');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('645-51-6184', 'Individual', 'Lorie Birttonshaw', '3 Annamark Parkway', 'Worcester', 'MA',
'01605');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('146-14-7747', 'Individual', 'Ileane Kimblen', '46 Almo Park', 'Roanoke', 'VA', '24014');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('703-85-7716', 'Individual', 'Colby Cawthorn', '41517 Larry Hill', 'Missoula', 'MT', '59806');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('421-04-0560', 'Individual', 'Arel Swanston', '3458 Pine View Park', 'Muncie', 'IN', '47306');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('165-22-9250', 'Individual', 'Alfonso Weeds', '45 Carioca Center', 'Wichita Falls', 'TX',
'76310');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('383-45-4939', 'Individual', 'Joly Yeandel', '95130 Brown Crossing', 'Hampton', 'VA',
'23668');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('105-04-9238', 'Individual', 'Urbano Derill', '64 Springview Circle', 'Charlotte', 'NC',
'28235');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('751-39-7736', 'Individual', 'Jean Enrdigo', '09420 Fremont Terrace', 'Berkeley', 'CA',
'94712');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('430-46-3716', 'Individual', 'Jazmin Smogur', '60259 Cordelia Court', 'Roanoke', 'VA',
'24040');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('888-03-0330', 'Individual', 'Sherlocke Dessaur', '41457 Sullivan Street', 'Sacramento',
'CA', '95865');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('347-49-2150', 'Individual', 'Wernher Lavallie', '4840 American Ash Road', 'Rochester',
'MN', '55905');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('513-63-5592', 'Individual', 'Hilde Gartrell', '0746 Briar Crest Parkway', 'San Bernardino',
'CA', '92410');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('407-28-7709', 'Individual', 'Clayton Cobleigh', '3 Laurel Drive', 'Santa Ana', 'CA',
'92725');

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INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('251-92-9205', 'Business', 'Ogdon Keymar', '35229 Bunker Hill Lane', 'Frederick', 'MD', '21705');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('172-86-5437', 'Business', 'Blinnie Rowison', '5568 Esch Street', 'Athens', 'GA', '30605');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('744-21-5441', 'Individual', 'Elvina Itzakson', '0 Maple Avenue', 'Los Angeles', 'CA', '90035');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('702-72-0065', 'Individual', 'Niel MacGibbon', '5 West Trail', 'Petaluma', 'CA', '94975');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('294-48-8037', 'Business', 'Jarrett Abrahmovici', '27996 Golf Trail', 'Jacksonville', 'FL', '32209');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('224-47-0687', 'Individual', 'Cassy Mainstone', '3464 Magdeline Way', 'Marietta', 'GA', '30066');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('868-88-8337', 'Business', 'Dorris Blore', '225 Reindahl Terrace', 'Cleveland', 'OH', '44125');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('397-24-7639', 'Individual', 'Kesley Laxston', '5594 McCormick Center', 'Brockton', 'MA', '02305');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('585-92-7970', 'Individual', 'Kym Minghetti', '1389 West Parkway', 'Washington', 'DC', '20051');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('735-44-8460', 'Individual', 'Cloe Pheazey', '9 Shoshone Point', 'Tulsa', 'OK', '74133');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('440-60-2056', 'Business', 'Reg Coplestone', '1 Bluejay Drive', 'South Bend', 'IN', '46614');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('796-28-6953', 'Individual', 'Meara Elintune', '943 Chive Alley', 'Jackson', 'TN', '38308');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('827-25-0108', 'Business', 'Ardyth Fray', '0726 Mockingbird Pass', 'Shreveport', 'LA', '71137');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('660-34-0353', 'Business', 'Eldridge Carnaman', '01595 Buena Vista Terrace', 'Newark', 'DE', '19725');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('701-76-9890', 'Individual', 'Tory Scraggs', '5141 David Park', 'Honolulu', 'HI', '96845');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('162-54-2162', 'Individual', 'Constance Suffy', '90 Eggendart Court', 'Saint Louis', 'MO', '63121');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('126-83-0606', 'Business', 'Costanza Mephan', '243 Pine View Hill', 'Peoria', 'IL', '61635');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('712-97-7683', 'Individual', 'Valentino Goodwyn', '155 Hanover Park', 'New York City', 'NY', '10019');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('822-54-8411', 'Individual', 'Goldia Racine', '63 Iowa Lane', 'Vero Beach', 'FL', '32964');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('683-07-5171', 'Individual', 'Doe Blanc', '0421 Mcguire Street', 'Charleston', 'WV', '25362');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('748-33-1763', 'Individual', 'Giffard Goodey', '1380 Vera Plaza', 'Denver', 'CO', '80262');

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INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('873-98-1629', 'Individual', 'Roosevelt Walles', '9 North Terrace', 'Kalamazoo', 'MI', '49048');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('260-04-2103', 'Individual', 'Holly Vanyushkin', '6592 Ridge Oak Terrace', 'Hot Springs National Park', 'AR', '71914');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('361-47-9519', 'Business', 'Chevy Gotmann', '58 Iowa Crossing', 'Paterson', 'NJ', '07522');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('160-57-5326', 'Individual', 'Philip Weyland', '42724 Blue Bill Park Trail', 'Lancaster', 'CA', '93584');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('647-88-8639', 'Individual', 'Roobbie Suttle', '658 Doe Crossing Court', 'Amarillo', 'TX', '79116');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('282-94-4314', 'Individual', 'Gladi Matches', '316 Pepper Wood Court', 'Chicago', 'IL', '60691');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('117-20-2915', 'Business', 'Vernice Holleran', '4 Northview Park', 'Sioux City', 'IA', '51105');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('717-63-5436', 'Individual', 'Neall Maskall', '13937 Carioca Court', 'Jersey City', 'NJ', '07310');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('458-28-1711', 'Business', 'Hilly Pilley', '27 Marquette Circle', 'Naples', 'FL', '33963');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('382-55-1702', 'Individual', 'Gertie Momery', '98654 Manitowish Parkway', 'Paterson', 'NJ', '07544');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('281-04-1033', 'Individual', 'Maxine Hovee', '01 Becker Point', 'Boston', 'MA', '02283');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('660-42-2535', 'Business', 'Barry Ibanez', '2 Stoughton Crossing', 'Garland', 'TX', '75044');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('821-10-3812', 'Business', 'Melony Batiste', '733 Esker Trail', 'Tampa', 'FL', '33625');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('296-12-1714', 'Individual', 'Christel Laurenzi', '4646 Myrtle Hill', 'Bronx', 'NY', '10464');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('393-53-2500', 'Individual', 'Nat Whetson', '1 Morning Alley', 'Stockton', 'CA', '95210');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('331-79-6225', 'Business', 'Lyndy Jizhaki', '6339 Sundown Lane', 'El Paso', 'TX', '88574');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('766-33-5224', 'Individual', 'Camella Vasyaev', '248 Cherokee Junction', 'Little Rock', 'AR', '72222');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('848-26-5646', 'Individual', 'Rudy Cristoforo', '91 Green Ridge Drive', 'Washington', 'DC', '20525');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('255-52-3588', 'Business', 'Jereme Stirman', '30267 Artisan Point', 'Omaha', 'NE', '68164');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('147-30-6537', 'Individual', 'Galvan Molson', '8267 Kipling Place', 'Lubbock', 'TX', '79405');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('704-08-7404', 'Business', 'Byrom Grafton', '4885 Stephen Park', 'Des Moines', 'IA', '50335');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('776-84-2732', 'Individual', 'Libbi Kanter', '51 Elmside Way', 'Spokane', 'WA', '99215');

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INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('770-05-6623', 'Individual', 'Stanford Beesley', '53 Farragut Court', 'Houston', 'TX', '77035');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('772-40-8285', 'Individual', 'Annmaria Sarra', '6 Buell Lane', 'Irving', 'TX', '75062');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('837-08-7596', 'Business', 'Ludovico Spacy', '47653 Banding Point', 'Lubbock', 'TX',
'79410');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('775-40-5157', 'Individual', 'Silvain Lindeboom', '515 Namekagon Crossing', 'Houston',
'TX', '77260');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('528-44-4059', 'Individual', 'Oliy Dyers', '526 Grasskamp Lane', 'Dayton', 'OH', '45490');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('765-04-9517', 'Business', 'Dorine Yukhnov', '80314 Derek Plaza', 'Tampa', 'FL', '33686');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('170-14-7414', 'Individual', 'Artemus Petch', '946 Pierstorff Junction', 'Boston', 'MA',
'02203');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('773-70-5950', 'Individual', 'Jessa Ewbanks', '831 Pleasure Lane', 'Sarasota', 'FL', '34276');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('854-84-9728', 'Business', 'Devlen Ellul', '41371 Cascade Junction', 'Pensacola', 'FL',
'32526');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('176-35-8904', 'Individual', 'Brander Talman', '0 Becker Place', 'Chicago', 'IL', '60686');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('445-05-2690', 'Individual', 'Haley Weeden', '9799 Westridge Terrace', 'Shreveport', 'LA',
'71151');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('680-79-1165', 'Individual', 'Kaylee Keld', '35 Summer Ridge Pass', 'Midland', 'MI', '48670');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('705-40-1237', 'Business', 'Agnese Fremantle', '65 Petterle Place', 'Miami Beach', 'FL',
'33141');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('540-15-2384', 'Business', 'Nettle Gunningham', '9 Meadow Vale Drive', 'Dallas', 'TX',
'75287');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('868-20-8805', 'Business', 'Lanie Wisniewski', '6535 Warrior Street', 'Lincoln', 'NE', '68517');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('628-04-8393', 'Individual', 'Tadio Fyrth', '974 Brentwood Junction', 'Jacksonville', 'FL',
'32209');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('800-27-8269', 'Individual', 'Umberto Tatum', '0867 Nobel Street', 'Lexington', 'KY',
'40505');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('309-92-8319', 'Individual', 'Vilhelmina Manderson', '4261 Dwight Road', 'Cape Coral',
'FL', '33915');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('196-49-2580', 'Business', 'Louise Forcer', '81587 Golden Leaf Alley', 'Fayetteville', 'NC',
'28305');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('349-27-8840', 'Business', 'Kristofor Furness', '03337 Ramsey Alley', 'Flint', 'MI', '48550');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('786-57-0915', 'Business', 'Joannes McNiff', '81 International Drive', 'Staten Island', 'NY',

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'10310');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('856-68-4328', 'Individual', 'Franky Glidden', '4 Carioca Crossing', 'Tallahassee', 'FL',
'32309');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip)
values ('879-32-5478', 'Individual', 'Hannah Iannuzzelli', '79544 Hazelcrest Road', 'Corpus Christi', 'TX',
'78415');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('160-32-8967', 'Business', 'Sylvia Forcer', '4 Bowman Point', 'Los Angeles', 'CA', '90015');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('890-02-1974', 'Individual', 'Kylie Bediss', '9 Comanche Center', 'Van Nuys', 'CA', '91499');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('274-89-1563', 'Individual', 'Ludwig Hablet', '61282 Montana Point', 'Albuquerque', 'NM',
'87201');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('892-87-7277', 'Individual', 'Ellsworth Kemshell', '44788 Susan Drive', 'Marietta', 'GA',
'30061');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('704-62-5350', 'Business', 'Ana Maggorini', '6219 Troy Avenue', 'Milwaukee', 'WI', '53285');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('313-92-0729', 'Business', 'Engracia Bland', '3 Ridgeway Hill', 'Dallas', 'TX', '75236');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('782-20-2923', 'Individual', 'Norene Aleshintsev', '4545 1st Way', 'Washington', 'DC',
'20310');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('608-78-5022', 'Individual', 'Claretta Rickert', '92863 Park Meadow Trail', 'Lafayette', 'LA',
'70593');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('177-83-2973', 'Individual', 'Ginnie Strephan', '0745 Randy Hill', 'Jacksonville', 'FL',
'32215');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('430-56-2484', 'Business', 'Gregg Breche', '8961 Golf Course Circle', 'Atlanta', 'GA',
'31196');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('795-48-0091', 'Individual', 'Worthington Carde', '79046 Thackeray Center', 'Fresno',
'CA', '93726');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('432-77-7878', 'Business', 'Esmeralda Puckring', '376 Katie Avenue', 'Las Vegas', 'NV',
'89125');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('863-13-2657', 'Individual', 'Bard Rumming', '03 Stephen Circle', 'Phoenix', 'AZ', '85010');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('379-88-3962', 'Individual', 'Jedediah Dizlie', '207 Bunker Hill Lane', 'Silver Spring', 'MD',
'20910');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('277-64-4416', 'Business', 'Harrie Klaussen', '09884 Mayfield Hill', 'Sunnyvale', 'CA',
'94089');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('548-51-5470', 'Individual', 'Adolpho Biddlestone', '09 Sundown Court', 'San Jose', 'CA',
'95138');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('299-02-0038', 'Individual', 'Jeff McEachern', '52802 Atwood Junction', 'Jamaica', 'NY',

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'11447');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('167-46-4163', 'Individual', 'Caye Wragg', '93 2nd Pass', 'Washington', 'DC', '20238');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('511-04-2912', 'Individual', 'Conchita Poppleton', '19776 Stone Corner Circle', 'Saint
Petersburg', 'FL', '33731');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('483-31-6805', 'Business', 'Curr Pilger', '3099 Caliangt Junction', 'Louisville', 'KY', '40266');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('463-58-2929', 'Business', 'Zsazsa Cordingly', '3 Daystar Avenue', 'Miami', 'FL', '33196');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('794-47-2730', 'Individual', 'Jeana Faircley', '8218 Waubesa Alley', 'Newark', 'NJ',
'07104');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('587-88-8735', 'Individual', 'Hedwig Cottell', '72 Hoepker Terrace', 'Chicago', 'IL', '60614');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('348-23-7098', 'Individual', 'Lucias Bambrough', '175 Boyd Avenue', 'Washington', 'DC',
'20420');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('197-42-2561', 'Individual', 'Kimberly McCrae', '919 Pankratz Hill', 'Honolulu', 'HI', '96850');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('557-70-3295', 'Individual', 'Mariellen Wiltshier', '48 Sundown Crossing', 'Newark', 'DE',
'19725');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('201-37-8619', 'Individual', 'Annabell Isacoff', '68 Independence Crossing', 'Henderson',
'NV', '89012');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('486-12-5539', 'Individual', 'Krishna Atrill', '46865 Farwell Trail', 'Los Angeles', 'CA', '90071');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('296-96-6618', 'Individual', 'Benjy Coat', '36254 Mallory Junction', 'Iowa City', 'IA',
'52245');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('866-37-9878', 'Individual', 'Cathrine Neubigging', '422 Haas Way', 'Yonkers', 'NY',
'10705');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('655-22-4118', 'Individual', 'Ondrea Baroch', '4142 Sutherland Parkway', 'Roanoke', 'VA',
'24014');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('396-97-0026', 'Individual', 'Ade Aveling', '95595 Vahlen Road', 'Cincinnati', 'OH',
'45271');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('864-28-2598', 'Individual', 'Hendrika Kervin', '5 Carberry Terrace', 'Chicago', 'IL', '60630');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('119-37-0712', 'Individual', 'Eolande Bothen', '08251 Tony Trail', 'Aurora', 'IL', '60505');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('164-99-9640', 'Individual', 'Roxy Antcliff', '7231 Ronald Regan Pass', 'Los Angeles', 'CA',
'90050');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('749-90-8286', 'Individual', 'Gracie Plastow', '0 Pierstorff Circle', 'Minneapolis', 'MN',
'55446');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('285-65-6123', 'Individual', 'Feliza Muckeen', '1299 Luster Park', 'Inglewood', 'CA',
'90310');

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INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('602-32-0254', 'Individual', 'Cris Baird', '371 Hayes Trail', 'Bradenton', 'FL', '34282');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('445-49-3458', 'Individual', 'Nananne Clurow', '39 Brown Plaza', 'Washington', 'DC',
'20078');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('203-05-7339', 'Individual', 'Barb Scola', '629 Redwing Street', 'Indianapolis', 'IN', '46254');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('826-69-3636', 'Business', 'Leo Tuckwood', '9717 Artisan Lane', 'Colorado Springs', 'CO',
'80940');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('778-04-5057', 'Business', 'Babara Hollyar', '2 Scott Parkway', 'Dearborn', 'MI', '48126');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('233-28-8251', 'Individual', 'HelenElizabeth Drover', '25 Leroy Drive', 'Honolulu', 'HI',
'96805');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('371-34-6412', 'Business', 'Thorny McQuilliam', '8 Atwood Parkway', 'New York City', 'NY',
'10249');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('271-26-8460', 'Individual', 'Imogen Dumphry', '10120 Village Green Hill', 'Springfield', 'IL',
'62705');
INSERT INTO CLIENT_T
(ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('472-72-
9400', 'Individual', 'Kristofor Shere', '3 Debra Park', 'Honolulu', 'HI', '96845');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('398-45-5602', 'Individual', 'Reinhold O'Hartagan', '3 Drewry Place', 'Chattanooga', 'TN',
'37450');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('829-03-7745', 'Individual', 'Trevar Lampl', '24226 Mendota Terrace', 'Jamaica', 'NY',
'11407');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('410-04-5704', 'Business', 'Dwayne Hudspeth', '79088 Main Trail', 'Sioux Falls', 'SD', '57110');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('449-38-5507', 'Individual', 'Holt Petroselli', '1245 Sutteridge Trail', 'Greensboro', 'NC',
'27415');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('409-58-1484', 'Business', 'Lowrance Gothliff', '8 Maple Alley', 'Los Angeles', 'CA', '90189');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('142-54-5526', 'Business', 'Torin Corser', '83 Sycamore Pass', 'Atlanta', 'GA', '30328');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('582-77-2907', 'Individual', 'Beverie Jiricka', '1751 Service Trail', 'Memphis', 'TN', '38161');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('633-67-7452', 'Individual', 'Michell Rois', '65870 Del Mar Place', 'Charlotte', 'NC', '28242');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('386-45-1496', 'Individual', 'Silvio Legges', '78053 Lukken Court', 'El Paso', 'TX', '79905');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('493-25-6255', 'Individual', 'Lethia Antoniak', '08762 Fulton Circle', 'Madison', 'WI',
'53710');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('484-98-0411', 'Business', 'Udell Kinnon', '9610 Miller Point', 'Galveston', 'TX', '77554');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,
ClientZip) values ('648-02-6732', 'Business', 'Tiffany Jiracek', '0 Macpherson Hill', 'El Paso', 'TX', '88558');
INSERT INTO CLIENT_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState,

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ClientZip) values ('791-36-3835', 'Business', 'Keelby Tidbury', '0 Atwood Place', 'Birmingham', 'AL', '35244');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('393-70-1657', 'Individual', 'Veronika Mulrenan', '7315 Macpherson Way', 'Scranton', 'PA', '18505');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('533-45-4184', 'Business', 'Jacquenette Pocock', '715 Monica Crossing', 'El Paso', 'TX', '88584');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('691-18-6855', 'Business', 'Wallis Ashborne', '0343 Stang Avenue', 'Houston', 'TX', '77020');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('403-09-1002', 'Individual', 'Jamesy Frontczak', '9 Dexter Street', 'Worcester', 'MA', '01654');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('882-88-5329', 'Individual', 'Guendolen Marshman', '693 Crest Line Pass', 'Saint Petersburg', 'FL', '33715');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('173-76-5786', 'Individual', 'Karalynn Kullmann', '24580 Dwight Trail', 'Minneapolis', 'MN', '55407');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('659-57-5882', 'Business', 'Birch Doley', '8442 Mesta Road', 'Toledo', 'OH', '43615');

INSERT INTO CLIENT\_T (ClientTaxID, ClientType, ClientName, ClientAddress, ClientCity, ClientState, ClientZip) values ('676-01-1285', 'Individual', 'Remus Letchford', '0145 Drewry Lane', 'Reno', 'NV', '89519');

## A2: Data Load for STOCK\_T Table

--Data Load SQL for STOCK\_T Table

--Created on 03/20/2021

--Compiled by Sanjay D

SET DEFINE OFF

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INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('AAPL','Apple Inc','8%
Sell','Technology','145.09','53.15','119.99','0.9608','4.804');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ADBE','Adobe Systems Inc','72%
Sell','Technology','536.88','287.78','441.5','0.4357','4.804');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ADI','Analog Devices','40%
Buy','Technology','164.4','80.51','151.91','0.6819','3.4095');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ADP','Automatic Data Procs','100%
Buy','Technology','190.5','104.89','183.93','0.5671','2.8355');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ADSK','Autodesk Inc','8%
Sell','Technology','321.13','135.52','261.5','0.7523','3.7615');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('AEP','American Electric Power
Company','8% Sell','Technology','94.21','65.14','83.67','0.0354','0.177');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ALGN','Align Technology','40%
Buy','Healthcare','634.46','133','529.46','2.7226','13.613');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ALXN','Alexion Pharm Inc','40%
Buy','Healthcare','162.6','77.23','150.94','0.8077','4.0385');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('AMAT','Applied Materials','80%
Buy','Technology','124.5','37.8','114.86','1.8579','9.2895');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('AMD','Adv Micro Devices','40%
Sell','Technology','99.23','38.95','79.06','0.9854','4.927');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('AMGN','Amgen Inc','24%
Buy','Healthcare','276.69','177.05','245.94','0.2374','1.187');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('AMZN','Amazon.com Inc','56%
Sell','Consumer Services','3552.25','1812','3074.96','0.6348','3.174');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ANSS','Ansys Inc','24%
Sell','Technology','413.19','204.28','324.25','0.4666','2.333');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ASML','Asml Hld NY Reg','40%
Buy','Miscellaneous','608.71','215.59','547.42','1.5577','7.7885');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ATVI','Activision Blizzard','40%
Buy','Technology','104.53','51.38','90.49','0.6717','3.3585');
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INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('AVGO','Broadcom Ltd','80%
Buy','Technology','495.14','177.75','474.46','1.44','7.2');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('BIDU','Baidu Inc','56%
Buy','Technology','354.82','86.23','257.47','1.8729','9.3645');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('BIIB','Biogen Inc','8%
Sell','Healthcare','363.92','223.25','267.07','-0.0727','-0.3635');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('BKNG','Booking Holdings Inc','88%
Buy','Miscellaneous','2469.58','1107.29','2287.74','0.9201','4.6005');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CDNS','Cadence Design Sys','24%
Buy','Technology','149.08','53.16','125.48','1.252','6.26');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CDW','CDW Corp','100%
Buy','Technology','162.73','73.39','158.03','0.7903','3.9515');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CERN','Cerner Corp','24%
Sell','Technology','84.2','53.08','71.95','0.2094','1.047');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CHKP','Check Point Software','56%
Sell','Technology','139.26','83.72','116.68','0.2751','1.3755');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CHTR','Charter Communication','24%
Buy','Technology','681.71','364.67','629.74','0.6021','3.0105');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CMCSA','Comcast Corp A','100%
Buy','Consumer Services','58.58','31.7','55.46','0.5431','2.7155');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('COST','Costco Wholesale','72%
Sell','Consumer Services','393.15','278.42','328.91','0.0776','0.388');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CPRT','Copart Inc','24% Sell','Consumer
Durable','130.96','55.69','106.6','0.523','2.615');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CSCO','Cisco Systems Inc','100%
Buy','Technology','49.74','33.74','48.98','0.2989','1.4945');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CSX','CSX Corp','72%
Buy','Transportation','97.54','46.81','90.77','0.6501','3.2505');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CTAS','Cintas Corp','8% Sell','Consumer Non
Durable','369.2','154.33','333.05','0.8199','4.0995');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('CTSH','Cognizant Tech Sol','24%
Buy','Technology','82.73','40.01','76.55','0.6466','3.233');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('DLTR','Dollar Tree Inc','72% Buy','Consumer
Services','115.45','68.43','108.12','0.5256','2.628');

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INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('DOCU','DocuSign Inc','24%
Sell','Technology','290.23','75.31','205.67','1.7105','8.5525');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('DXCM','Dexcom','56%
Sell','Technology','456.23','196.57','344.63','0.671','3.355');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('EA','Electronic Arts Inc','40%
Sell','Technology','150.3','86.75','128.4','0.4257','2.1285');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('EBAY','Ebay Inc','72%
Buy','Technology','64.85','26.02','59.73','1.0179','5.0895');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('EXC','Exelon Corp','72%
Buy','Utilities','46.02','29.28','42.97','0.3258','1.629');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('FAST','Fastenal Company','32%
Buy','Consumer Services','51.89','26.72','47.63','0.4746','2.373');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('FB','Facebook Inc','56%
Buy','Technology','304.67','142.25','290.11','0.8945','4.4725');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('FISV','Fiserv Inc','100%
Buy','Technology','126.25','74.85','121.87','0.4429','2.2145');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('FOX','Fox Corp Cl B','100% Buy','Consumer
Services','42.14','19.13','40.35','0.8391','4.1955');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('FOXA','Fox Corp Cl A','100% Buy','Consumer
Services','44.8','19.81','42.92','0.881','4.405');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('GILD','Gilead Sciences Inc','8%
Sell','Healthcare','85.79','56.56','64.46','-0.1794','-0.897');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('GOOG','Alphabet Cl C','80%
Buy','Technology','2152.68','1013.54','2043.2','0.832','4.16');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('GOOGL','Alphabet Cl A','80%
Buy','Technology','2145.14','1008.87','2026.96','0.8233','4.1165');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('IDXX','Idexx Laboratories','56%
Buy','Healthcare','573.99','168.65','484.88','1.51','7.55');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ILMN','Illumina Inc','40% Buy','Capital
Goods','555.77','229','415.9','0.8501','4.2505');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('INCY','Incyte Corp','72%
Sell','Healthcare','110.36','62.48','79.37','0.1934','0.967');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('INTC','Intel Corp','88%
Buy','Technology','66.29','43.61','63.76','0.3879','1.9395');

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INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('INTU','Intuit Inc','56%
Buy','Technology','423.74','187.68','381.28','0.7661','3.8305');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ISRG','Intuitive Surg Inc','24%
Sell','Healthcare','826.81','360.5','707.49','0.7332','3.666');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('JD','Jd.com Inc Ads','8% Buy','Consumer
Services','108.29','36.22','84.99','1.2841','6.4205');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('KDP','Keurig Dr Pepper Inc','100%
Buy','Miscellaneous','34.63','22.72','34.14','0.4038','2.019');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('KHC','Kraft Heinz Company','100%
Buy','Consumer Non Durable','39.71','20.67','39.14','0.7567','3.7835');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('KLAC','K L A-Tencor Corp','40% Buy','Capital
Goods','342.21','110.19','292.88','1.2996','6.498');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('LRCX','Lam Research Corp','64%
Buy','Technology','603.6','185.84','542.31','1.7809','8.9045');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('LULU','Lululemon Athletica','72%
Sell','Consumer Non Durable','399.9','162.6','308.71','0.9935','4.9675');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MAR','Marriot Int Cl A','100% Buy','Consumer
Services','159.98','57','152.28','1.2796','6.398');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MCHP','Microchip Technology','72%
Buy','Technology','166.67','58.29','150.06','1.4779','7.3895');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MDLZ','Mondelez Intl Inc','24%
Buy','Consumer Non Durable','60','41.19','58.1','0.2778','1.389');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MELI','Mercadolibre Inc','8%
Sell','Miscellaneous','2020','425.38','1448.89','2.1258','10.629');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MNST','Monster Beverage Cp','56%
Buy','Consumer Non Durable','95.11','50.06','87.92','0.6186','3.093');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MRNA','Moderna Inc','56%
Buy','Healthcare','189.26','24.36','143.74','4.0845','20.4225');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MRVL','Marvell Tech Group','40%
Buy','Technology','55.7','17.82','47','1.4947','7.4735');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MSFT','Microsoft Corp','56%
Buy','Technology','246.13','132.52','230.35','0.6141','3.0705');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MTCH','Match Group Inc','100%
Buy','Technology','174.68','87.56','152.7','0.4451','2.2255');

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INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MU','Micron Technology','100%
Buy','Technology','95.75','35.69','90.51','1.4941','7.4705');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('MXIM','Maxim Integrated','40%
Buy','Technology','98.44','43.36','89.32','0.9519','4.7595');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('NFLX','Netflix Inc','8% Buy','Consumer
Services','593.29','332','512.18','0.5426','2.713');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('NTES','Netease Inc Ads','40%
Buy','Miscellaneous','134.33','56.59','109.07','0.8729','4.3645');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('NVDA','Nvidia Corp','8%
Sell','Technology','614.9','198.52','513.83','1.4127','7.0635');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('NXPI','Nxp Semiconductors','100%
Buy','Technology','209.59','69.16','202.04','1.6542','8.271');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('PAYX','Paychex Inc','100% Buy','Consumer
Services','99.95','48.5','95.84','0.6516','3.258');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('PCAR','Paccar Inc','100% Buy','Capital
Goods','103.19','49.11','95.06','0.6966','3.483');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('PDD','Pinduoduo Inc ADR','24%
Buy','Miscellaneous','212.6','32.66','141.8','3.1953','15.9765');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('PEP','Pepsico Inc','72% Sell','Consumer Non
Durable','148.77','101.42','134.5','0.1462','0.731');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('PTON','Peloton Interactive Inc','8%
Sell','Consumer Services','171.09','21.78','108.31','3.3341','16.6705');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('PYPL','Paypal Holdings','40% Buy','Consumer
Services','309.14','82.07','241.28','1.5753','7.8765');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('QCOM','Qualcomm Inc','8%
Sell','Technology','167.94','59.11','131.02','1.0157','5.0785');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('REGN','Regeneron Pharmaceuticals','80%
Sell','Healthcare','664.64','424.01','473.7','-0.0329','-0.1645');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ROST','Ross Stores Inc','100% Buy','Consumer
Services','127.08','60.5','121.31','0.8663','4.3315');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('SBUX','Starbucks Corp','88% Buy','Consumer
Non Durable','112.34','54','106.34','0.7316','3.658');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('SGEN','Seagen Inc','88%
Sell','Healthcare','213.94','94.35','146.62','0.4661','2.3305');

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INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('SIRI','Sirius XM Holdings','40% Buy','Consumer
Services','8.14','4.11','6.08','0.2693','1.3465');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('SNPS','Synopsys Inc','8%
Sell','Technology','300.91','104.9','227.86','0.9821','4.9105');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('SPLK','Splunk Inc','100%
Sell','Technology','225.89','101.1','135.04','0.256','1.28');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('SWKS','Skyworks Solutions','72%
Buy','Technology','195.82','71','175.79','1.2747','6.3735');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('TCOM','Trip.com Group Ltd','100%
Buy','Consumer Services','45.19','21.49','41.9','0.8178','4.089');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('TEAM','Atlassian Cls A Ord','24%
Buy','Technology','262.4','120.91','219.09','0.8023','4.0115');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('TMUS','T-Mobile US','16% Buy','Public
Utilities','135.54','70.83','124.19','0.5631','2.8155');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('TSLA','Tesla Inc','24% Buy','Capital
Goods','900.4','82.1','654.87','6.6568','33.284');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('TXN','Texas Instruments','80%
Buy','Technology','181.8','94.92','175.98','0.7326','3.663');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('VRSK','Verisk Analytics Inc','72%
Sell','Technology','210.66','116.61','171.87','0.2593','1.2965');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('VRSN','Verisign Inc','88%
Sell','Technology','221.3','148.77','192.05','0.1668','0.834');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('VRTX','Vertex Pharmaceutic','80%
Sell','Healthcare','306.08','199.52','216.11','0.0019','0.0095');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('WBA','Walgreens Boots Alliance','100%
Buy','Consumer Services','56.12','33.36','52.54','0.0822','0.411');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('WDAY','Workday Inc','88%
Buy','Miscellaneous','282.77','115.5','251.23','0.9822','4.911');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('XEL','XCEL Energy Inc','64%
Sell','Miscellaneous','76.44','46.58','62.99','0.0862','0.431');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('XLNX','Xilinx Inc','24%
Sell','Technology','154.93','71.11','122.88','0.6284','3.142');
INSERT INTO STOCK_T (StockTick, StockName, StockRating, StockPriBus, StockHighPrice, StockLowPrice,
StockCurrentPrice, Stock1yrReturn, Stock5yrReturn) VALUES('ZM','Zoom Video Communications Cl
A','72% Sell','Consumer Services','588.84','108.53','326.26','1.636','8.18');

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### A3: Data Load for MFUND\_T Table

--Data Load SQL for MFUND\_T Table

--Created on 03/20/2021

--Compiled by Sanjay D

SET DEFINE OFF

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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FANAX', 'Fidelity Advisor Energy Class A', 'G', '25.09', '10.41',
'23.3','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FNRCX', 'Fidelity Advisor Energy Class C', 'G', '23.04', '9.63',
'21.39','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FANIX', 'Fidelity Advisor Energy Fund', 'S', '26.5', '10.96', '24.61','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FIKAX', 'Fidelity Advisor Energy Fund', 'G', '26.44', '10.93',
'24.56','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FAGNX', 'Fidelity Advisor Energy Fund - Class M', 'G', '25.76',
'10.72', '23.92','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FGDIX', 'Fidelity Advisor Gold Fund', 'G', '35.15', '16.85', '27.15','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FIJDX', 'Fidelity Advisor Gold Fund', 'G', '35.14', '16.84', '27.17','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FGDTX', 'Fidelity Advisor Gold Fund - Class M', 'G', '33.35', '16.02',
'25.66','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FGDAX', 'Fidelity Advisor Gold Fund Class A', 'G', '34.11', '16.37',
'26.3','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FGDCX', 'Fidelity Advisor Gold Fund Class C', 'G', '31.62', '15.21',
'24.27','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FIQMX', 'Fidelity Advisor Latin America Fund', 'G', '23.51', '12.59',
'21.31','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FLFIX', 'Fidelity Advisor Latin America Fund', 'G', '23.53', '12.61',
'21.32','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FLFTX', 'Fidelity Advisor Latin America Fund - Class M', 'G', '23.65',
'12.74', '21.4','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FLFAX', 'Fidelity Advisor Latin America Fund CI A', 'G', '23.62',
'12.7', '21.39','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FLFCX', 'Fidelity Advisor Latin America Fund CI C', 'G', '23.87',
'12.91', '21.58','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FFNPX', 'Fidelity Flex Intrinsic Opportunities Fund', 'G', '17.97', '7.84',
'17.9','FI');
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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FLATX', 'Fidelity Latin America Fund', 'G', '23.56', '12.65', '21.35','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FNBGX', 'Fidelity Long-Term Treasury Bond Index Fund', 'G', '17.37',
'13.6', '13.67','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FBLTX', 'Fidelity Sai Long-Term Treasury Bond Index Fund', 'G',
'13.28', '10.33', '10.39','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FSRBX', 'Fidelity Select Banking Portfolio', 'G', '29.23', '12.37',
'28.69','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FSENX', 'Fidelity Select Energy', 'I', '32.38', '13.48', '30.08','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FSESX', 'Fidelity Select Energy Services Pt', 'I', '22.14', '7.6',
'19.69','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FSAGX', 'Fidelity Select Gold Pt', 'I', '35.15', '16.84', '27.15','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FTLTx', 'Fidelity Series Long-Term Treasury Bond Index Fund', 'I',
'9.99', '7.82', '7.86','FI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GLDAX', 'Gabelli Gold Fund Inc. Class A', 'I', '25.45', '11.58',
'18.81','GM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GOLDX', 'Gabelli Gold Fund Inc. Class AAA', 'I', '25.41', '11.57',
'18.78','GM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GLDCX', 'Gabelli Gold Fund Inc. Class C', 'I', '23.33', '10.64',
'17.16','GM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GLDIX', 'Gabelli Gold Fund Inc. Class I', 'I', '25.87', '11.76',
'19.15','GM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GCEBX', 'Goldman Sachs Clean Energy Income Fund CI A', 'S',
'16.13', '10.01', '13.3','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GCEGX', 'Goldman Sachs Clean Energy Income Fund CI C', 'S',
'16.1', '10.03', '13.25','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GCEPX', 'Goldman Sachs Clean Energy Income Fund Class P S',
'S', '16.15', '10.02', '13.33','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GCEHX', 'Goldman Sachs Clean Energy Income Fund Class R S',
'S', '16.14', '10.03', '13.3','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GCEEX', 'Goldman Sachs Clean Energy Income Fund Class R6',
'S', '16.16', '10.02', '13.33','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GCEDX', 'Goldman Sachs Clean Energy Income Fund Institut',
'S', '16.16', '10.02', '13.33','GF');

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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GCEJX', 'Goldman Sachs Clean Energy Income Fund Investor',
'S', '16.15', '10.03', '13.32','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GGBPX', 'Goldman Sachs Investment Grade Credit Fund Class',
'S', '10.16', '8.09', '9.53','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GSGAX', 'Goldman Sachs Investment Grade Credit Fund Class',
'S', '10.16', '8.09', '9.54','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GSGDX', 'Goldman Sachs Investment Grade Credit Fund Insti',
'S', '10.16', '8.09', '9.54','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GSCPX', 'Goldman Sachs Investment Grade Credit Fund Separ',
'S', '10.17', '8.09', '9.54','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GLIRX', 'Goldman Sachs Local Emerging Markets Debt Fund', 'S',
'6.1', '4.75', '5.68','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GAMDX', 'Goldman Sachs Local Emerging Markets Debt Fund
C', 'S', '6.11', '4.76', '5.69','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GCMDX', 'Goldman Sachs Local Emerging Markets Debt Fund
C', 'S', '6.1', '4.76', '5.68','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GIMDX', 'Goldman Sachs Local Emerging Markets Debt Fund C',
'S', '6.09', '4.75', '5.67','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GIMSX', 'Goldman Sachs Local Emerging Markets Debt Fund C',
'S', '6.09', '4.75', '5.68','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('GMWPX', 'Goldman Sachs Local Emerging Markets Debt Fund
C', 'S', '6.09', '4.75', '5.67','GF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HSMAX', 'Hartford Small Cap Value Fund Class A', 'S', '13.52',
'5.43', '13.31','HF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HTSCX', 'Hartford Small Cap Value Fund Class C', 'S', '11.67', '4.73',
'11.49','HF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HSMFX', 'Hartford Small Cap Value Fund Class F', 'S', '13.52', '5.41',
'13.31','HF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HSEIX', 'Hartford Small Cap Value Fund Class I', 'S', '13.53', '5.42',
'13.33','HF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HSMRX', 'Hartford Small Cap Value Fund Class R3', 'S', '14.08',
'5.66', '13.87','HF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HMSX', 'Hartford Small Cap Value Fund Class R4', 'S', '14.29',
'5.73', '14.07','HF');

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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HSMTX', 'Hartford Small Cap Value Fund Class R5', 'S', '14.23',
'5.69', '14.01', 'HF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HSMVX', 'Hartford Small Cap Value Fund Class R6', 'S', '14.23',
'5.69', '14.01', 'HF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('HSMYX', 'Hartford Small Cap Value Fund Class Y', 'S', '14.2', '5.68',
'13.99', 'HF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('IENAX', 'Invesco Energy Fd Cl A', 'S', '16.7', '7.27', '15.66', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('IEFCX', 'Invesco Energy Fd Cl C Shs', 'S', '14.14', '6.2', '13.26', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('FSTEX', 'Invesco Energy Fd Investor Cl', 'S', '16.63', '7.23',
'15.59', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('IENIX', 'Invesco Energy Fund Class R5', 'S', '17.17', '7.42', '16.1', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('IENSX', 'Invesco Energy Fund Class R6', 'S', '17.17', '7.41', '16.1', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('IENYX', 'Invesco Energy Fund Class Y', 'S', '16.72', '7.26', '15.68', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('EMLDX', 'Invesco Oppenheimer Emerging Markets Local Debt',
'S', '7.12', '5.56', '6.62', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('OEMAX', 'Invesco Oppenheimer Emerging Markets Local Debt',
'S', '7.13', '5.56', '6.63', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('OEMCX', 'Invesco Oppenheimer Emerging Markets Local Debt',
'S', '7.13', '5.56', '6.63', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('OEMIX', 'Invesco Oppenheimer Emerging Markets Local Debt',
'S', '7.13', '5.56', '6.63', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('OEMNX', 'Invesco Oppenheimer Emerging Markets Local Debt',
'S', '7.13', '5.56', '6.62', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('OEMYX', 'Invesco Oppenheimer Emerging Markets Local Debt',
'S', '7.13', '5.57', '6.63', 'IM');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PDREX', 'Putnam Dynamic Risk Allocation Fd Cl A', 'S', '11.35',
'9.13', '10.63', 'PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PDRBX', 'Putnam Dynamic Risk Allocation Fd Cl B', 'I', '11.11',
'8.99', '10.38', 'PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PDRFX', 'Putnam Dynamic Risk Allocation Fd Cl C', 'I', '11.14',
'9.02', '10.42', 'PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PDRRX', 'Putnam Dynamic Risk Allocation Fd Cl R', 'I', '11.41',
'9.19', '10.67', 'PI');

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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PDRGX', 'Putnam Dynamic Risk Allocation Fd CI R6', 'I', '11.35',
'9.09', '10.63','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PDRYX', 'Putnam Dynamic Risk Allocation Fd CI Y', 'I', '11.39',
'9.14', '10.66','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PPRPX', 'Putnam Panagora Risk Parity Fund Class A', 'I', '10.76',
'8.22', '9.86','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PPRLX', 'Putnam Panagora Risk Parity Fund Class B', 'I', '10.64',
'8.18', '9.75','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PPRNX', 'Putnam Panagora Risk Parity Fund Class C', 'I', '10.63',
'8.17', '9.74','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PPROX', 'Putnam Panagora Risk Parity Fund Class R', 'I', '10.73',
'8.21', '9.83','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PPRWX', 'Putnam Panagora Risk Parity Fund Class R6', 'I', '10.8',
'8.23', '9.9','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PPRYX', 'Putnam Panagora Risk Parity Fund Class Y', 'I', '10.8',
'8.23', '9.9','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PSLAX', 'Putnam Small Cap Value A Shares', 'I', '14.72', '5.64',
'14.47','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PSLBX', 'Putnam Small Cap Value B Shares', 'I', '10.8', '4.17',
'10.62','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PSLRX', 'Putnam Small Cap Value Class R5', 'I', '15.72', '6',
'15.45','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PSCMX', 'Putnam Small Cap Value Class R6', 'I', '15.72', '6',
'15.45','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PYSVX', 'Putnam Small Cap Value Fund - Class Y', 'I', '15.68', '5.99',
'15.41','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('PSLCX', 'Putnam Small Cap Value Fund Class C', 'I', '10.7', '4.13',
'10.52','PI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYCWX', 'Rydex Dynamic Fds Inverse Dow 2X Strategy Fund', 'I',
'220.85', '53.64', '54.9','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYIDX', 'Rydex Dynamic Fds Inverse Down 2X Strategy Fd C', 'I',
'220.25', '53.44', '54.69','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYCZX', 'Rydex Dynamic Fds Inverse Dynamic Dow Fund C CI', 'I',
'193.55', '46.71', '47.79','RI');

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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYTMX', 'Rydex Dynamic Fds Inverse Dynamic S&P 500 Fund', 'I',
'236', '59.46', '61.31','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYIUX', 'Rydex Dynamic Fds Inverse Russell 2000 2X Stra', 'I', '76.98',
'9.48', '10.05','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYIRX', 'Rydex Dynamic Fds Inverse Russell 2000 2X Strat', 'I', '76.5',
'9.4', '9.95','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYIZX', 'Rydex Dynamic Fds Inverse Russell 2000 2X Strat', 'I',
'69.09', '8.45', '8.95','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYCBX', 'Rydex Dynamic Fds Inverse S&P 500 2X Strategy F', 'I',
'204.15', '51.03', '52.61','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYTPX', 'Rydex Dynamic Fds Inverse S&P 500 2X Strategy F', 'I',
'236.8', '59.66', '61.52','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYRLX', 'Rydex Dynamics Fds Russell 2000 2X Strategy Cl', 'I',
'228.32', '46.17', '214.09','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYRUX', 'Rydex Dynamics Fds Russell 2000 2X Strategy Fd', 'I',
'257.96', '51.79', '241.91','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYRSX', 'Rydex Dynamics Fds Russell 2000 2X Strategy Fun', 'I',
'256.19', '51.46', '240.25','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYECX', 'Rydex Energy - C Class', 'I', '133.12', '53.49', '123.6','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYBKX', 'Rydex Series Fds Banking Fund Class A', 'I', '89.6', '38.77',
'88.07','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYKAX', 'Rydex Series Fds Banking Fund H Class', 'I', '87.13', '37.71',
'85.64','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYENX', 'Rydex Series Fds Energy Fund Class A', 'I', '154.36', '61.6',
'143.34','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYEAX', 'Rydex Series Fds Energy Fund H Class', 'I', '149.36', '59.59',
'138.7','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYCGX', 'Rydex Series Fds Government Long Bond 1.2X Str', 'I',
'53.5', '36.97', '37.32','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYABX', 'Rydex Series Fds Government Long Bond 1.2X Stra', 'I',
'54.34', '37.67', '38.03','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYGBX', 'Rydex Series Fds Government Long Bond 1.2X Stra', 'I',
'53.7', '37.25', '37.62','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYAGX', 'Rydex Series Fds Inverse Mid-Cap Strategy Fund', 'I',
'153.21', '62.09', '63.67','RI');

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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYCLX', 'Rydex Series Fds Inverse Mid-Cap Strategy Fund', 'I',
'134.31', '54.33', '55.71','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYMHX', 'Rydex Series Fds Inverse Mid-Cap Strategy Fund', 'I',
'153.31', '62.13', '63.71','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYAFX', 'Rydex Series Fds Inverse Russell 2000 Strategy', 'I', '140.8',
'52.4', '54.01','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYCQX', 'Rydex Series Fds Inverse Russell 2000 Strategy', 'I', '124.6',
'46.02', '47.43','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYSHX', 'Rydex Series Fds Russell 2000 Strategy Fd CI H', 'I', '141.4',
'52.6', '54.22','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYAZX', 'Rydex Series Fds S&P Small Cap 600 Pure Value', 'I',
'179.15', '60.95', '171.37','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYSVX', 'Rydex Series Fds Small-Cap 600 Pure Value A Cla', 'I',
'179.6', '61.1', '171.8','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYYCX', 'Rydex Series Funds S&P Small-Cap 600 Pure Value', 'I',
'151.6', '51.95', '145','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYKIX', 'Rydex Series Trust Banking Fund Investor Class', 'I', '99.88',
'42.92', '98.17','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYEIX', 'Rydex Series Trust Energy Fund Investor Class', 'I', '166.69',
'66.34', '154.8','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYWWX', 'Rydex Srs Fds Inverse Emerging Markets 2X Strat', 'I',
'59.69', '9.39', '11.79','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYWYX', 'Rydex Srs Fds Inverse Emerging Markets 2X Strat', 'I',
'59.29', '9.47', '11.88','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RYWZX', 'Rydex Srs Fds Inverse Emerging Markets 2X Strat', 'I',
'59.85', '9.37', '11.75','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VENAX', 'Vanguard Energy Index Fund Admiral Shares', 'I', '37.22',
'15.31', '34.47','RI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VEDIX', 'Vanguard Extended Duration Treasury Index Fund I', 'I',
'127.65', '92.8', '93.68','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VEDTX', 'Vanguard Extended Duration Treasury Index Fund I', 'I',
'50.85', '36.96', '37.32','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VBLIX', 'Vanguard Long-Term Bond Index Fd Instl Plus', 'I', '17.33',
'14.48', '14.67','VI');

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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VBLAX', 'Vanguard Long-Term Bond Index Fund Admiral Share', 'I',
'17.33', '14.48', '14.67','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VBLLX', 'Vanguard Long-Term Bond Index Fund Insti Shs', 'I',
'17.33', '14.48', '14.67','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VWETX', 'Vanguard Long-Term Investment Grade Fund Admiral',
'I', '12.18', '9.5', '10.47','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VWESX', 'Vanguard Long-Term Investment Grade Fund Investo',
'I', '12.18', '9.5', '10.47','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VUSUX', 'Vanguard Long-Term Treasury Fd Admiral Shs', 'I', '15.22',
'12.01', '12.07','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VUSTX', 'Vanguard Long-Term Treasury Fund', 'I', '15.22', '12.01',
'12.07','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VLGSX', 'Vanguard Long-Term Treasury Index Fund Admiral S', 'I',
'34.75', '27.49', '27.64','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VLGIX', 'Vanguard Long-Term Treasury Index Fund Instituti', 'I',
'44.09', '34.9', '35.08','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VLTCX', 'Vanguard Lt Corporate Bond Index Fund Admiral Sh', 'I',
'29.7', '22.67', '26.68','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VLCIX', 'Vanguard Lt Corporate Bond Index Fund Inst', 'I', '36.84',
'28.13', '33.11','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('VSMVX', 'Vanguard S&P Smallcap 600 Value Index Fd Insti C', 'I',
'389.97', '157.33', '376.42','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RSNRX', 'Victory Global Natural Resources Fund - Class A', 'I',
'17.65', '4.03', '16.91','VF');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RGNCX', 'Victory Global Natural Resources Fund - Class C', 'S',
'15.69', '3.61', '15.03','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RSNKX', 'Victory Global Natural Resources Fund - Class R', 'S',
'16.58', '3.8', '15.89','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('RSNYX', 'Victory Global Natural Resources Fund - Class Y', 'S',
'18.4', '4.19', '17.63','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('MMEAX', 'Victory Integrity Discovery Fund Class A', 'S', '44.79',
'17.18', '43.6','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('MMECX', 'Victory Integrity Discovery Fund Class C', 'S', '30.25',
'11.7', '29.44','VI');

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INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('MMERX', 'Victory Integrity Discovery Fund Class R', 'S', '41.72',
'16.07', '40.61','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('MMEYX', 'Victory Integrity Discovery Fund Class Y', 'S', '49.76',
'19.05', '48.44','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('MMMMX', 'Victory Integrity Discovery Fund Member Class', 'S',
'44.82', '26.41', '43.63','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('SCVAX', 'Wells Fargo Small Company Value Fund Class A', 'S',
'37.19', '15.76', '36.28','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('SCVIX', 'Wells Fargo Small Company Value Fund Class Admin', 'S',
'38.06', '16.11', '37.13','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('SCVFX', 'Wells Fargo Small Company Value Fund Class C', 'S',
'32.81', '13.97', '32','VI');
INSERT INTO MFUND_T (MFundTick, MFundName, MFundBusObj, MFundHighPrice, MFundLowPrice,
MFundCurrentPrice, FundFID) VALUES ('SCVJX', 'Wells Fargo Small Company Value Fund-R6', 'S', '38.38',
'16.19', '37.44','VI');

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#### **A4 : Data Load for FUNDF\_T Table**

--Data Load SQL for Fund FUNDF\_T Table

--Created on 03/20/2021

--Compiled by Sanjay D

SET DEFINE OFF

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INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('VI', 'Vanguard Investments', 'P.O. Box 982901', 'El Paso', 'TX', '79998-2901');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('FI', 'Fidelity Investments', 'PO Box 770001', 'Cincinnati', 'OH', '45277-0002');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('RI', 'Guggenheim/Rydex Investments', 'P.O. Box 10839', 'Rockville', 'MD', '20849-0839');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('GF', 'Goldman Sachs Funds', 'P.O. Box 06050', 'Chicago', 'IL', '60606');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('HF', 'Hartford Funds', '430 W 7th Street Suite 219060', 'Kansas City', 'MO', '64105-1407');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('WF', 'Wells Fargo Funds', 'P.O. Box 219967', 'Kansas City', 'MO', '64121-9967');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('PI', 'Putnam Investments', '430 W. 7th Street Suite 219697', 'Kansas City', 'MO', '64105-1407');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('IM', 'Invesco Capital Management LLC', '3500 Lacey Road Suite 700', 'Downers Grove', 'IL', '60515');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('GM', 'Gabelli Asset Management', '165 W Liberty St', 'Reno', 'NV', '89501');
INSERT INTO FUNDF_T (FundFID, FundFName, FundFAddress, FundFCity, FundFState, FundFZip) VALUES
('VF', 'Victory Funds', '4249 Easton Way Suite 400', 'Columbus', 'OH', '43219');
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## A5: Data Load for INSTOCK\_T Table

--Data Load SQL for INSTOCK\_T Table

--Created on 03/20/2021

--Compiled by Sanjay D

SET DEFINE OFF

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INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('684-89-9107','AAPL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('695-13-8456','ADBE');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('214-02-2278','ADI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('691-11-9645','ADP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('520-48-2747','ADSK');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('824-42-4419','AEP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('676-82-5176','ALGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('143-16-6485','ALXN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('653-41-3399','AMAT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('226-74-1767','AMD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('836-72-7280','AMGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('119-07-5700','AMZN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('632-24-0701','ANSS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('358-84-3303','ASML');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('288-37-3396','ATVI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('551-77-2311','AVGO');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('222-74-7187','BIDU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('785-69-1965','BILB');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('537-75-5604','BKNG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('207-37-0556','CDNS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('697-10-7325','CDW');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('520-45-3154','CERN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('830-48-5007','CHKP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('364-32-7913','CHTR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('478-02-3743','CMCSA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('803-89-1118','COST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('576-29-7296','CPRT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('551-70-2035','CSCO');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('169-47-3102','CSX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('515-65-4018','CTAS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('775-39-8790','CTSH');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('512-96-3761','DLTR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('886-07-1879','DOCU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('431-96-3181','DXCM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('415-53-3154','EA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('719-12-6397','EBAY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('749-38-4537','EXC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('647-59-3047','FAST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('625-38-2544','FB');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('464-52-7434','FISV');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('848-70-3112','FOX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('624-29-7181','FOXA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('586-18-3503','GILD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('148-91-9960','GOOG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('781-01-2915','GOOGL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('363-22-5622','IDXX');
```

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INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('196-93-1179','ILMN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('416-91-7992','INCY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('253-14-4121','INTC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('716-62-4210','INTU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('807-79-1729','ISRG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('384-52-8372','JD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('537-15-8843','KDP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('316-40-7637','KHC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('119-34-3907','KLAC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('241-93-1885','LRCX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('469-39-9234','LULU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('846-85-7238','MAR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('211-23-9695','MCHP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('868-71-6295','MDLZ');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('501-46-7047','MELI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('409-42-7030','MNST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('833-57-3133','MRNA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('508-33-1951','MRVL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('100-19-5259','MSFT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('750-02-9703','MTCH');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('759-69-1723','MU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('335-67-4787','MXIM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('263-85-9433','NFLX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('241-53-6732','NTES');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('377-70-3529','NVDA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('243-90-6955','NXPI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('678-02-4611','PAYX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('450-69-0429','PCAR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('555-20-2080','PDD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('267-03-5739','PEP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('658-23-2400','PTON');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('839-34-4916','PYPL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('468-62-7883','QCOM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('826-77-8981','REGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('114-42-5951','ROST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('190-74-2353','SBUX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('780-80-6494','SGEN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('117-56-2811','SIRI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('895-42-2533','SNPS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('434-06-9094','SPLK');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('842-09-7166','SWKS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('458-38-0827','TCOM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('333-12-1441','TEAM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('133-96-9521','TMUS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('474-05-5474','TSLA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('201-87-3929','TXN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('245-84-2619','VRSK');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('875-14-7346','VRSN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('396-27-7497','VRTX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('801-18-2586','WBA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('287-50-9082','WDAY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('479-05-3026','XEL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('506-52-5384','XLNX');

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INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('609-68-9418','ZM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('805-11-0411','AAPL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('702-18-9788','ADBE');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('448-72-0802','ADI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('844-34-6405','ADP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('645-51-6184','ADSK');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('146-14-7747','AEP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('703-85-7716','ALGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('421-04-0560','ALXN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('165-22-9250','AMAT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('383-45-4939','AMD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('105-04-9238','AMGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('751-39-7736','AMZN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('430-46-3716','ANSS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('888-03-0330','ASML');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('347-49-2150','ATVI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('513-63-5592','AVGO');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('407-28-7709','BIDU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('251-92-9205','BIIB');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('172-86-5437','BKNG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('744-21-5441','CDNS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('702-72-0065','CDW');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('294-48-8037','CERN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('224-47-0687','CHKP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('868-88-8337','CHTR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('397-24-7639','CMCSA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('585-92-7970','COST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('735-44-8460','CPRT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('440-60-2056','CSCO');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('796-28-6953','CSX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('827-25-0108','CTAS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('660-34-0353','CTSH');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('701-76-9890','DLTR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('162-54-2162','DOCU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('126-83-0606','DXCM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('712-97-7683','EA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('822-54-8411','EBAY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('683-07-5171','EXC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('748-33-1763','FAST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('873-98-1629','FB');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('260-04-2103','FISV');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('361-47-9519','FOX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('160-57-5326','FOXA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('647-88-8639','GILD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('282-94-4314','GOOG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('117-20-2915','GOOGL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('717-63-5436','IDXX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('458-28-1711','ILMN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('382-55-1702','INCY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('281-04-1033','INTC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('660-42-2535','INTU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('821-10-3812','ISRG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('296-12-1714','JD');

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INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('393-53-2500','KDP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('331-79-6225','KHC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('766-33-5224','KLAC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('848-26-5646','LRCX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('255-52-3588','LULU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('147-30-6537','MAR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('704-08-7404','MCHP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('776-84-2732','MDLZ');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('770-05-6623','MELI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('772-40-8285','MNST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('837-08-7596','MRNA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('775-40-5157','MRVL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('528-44-4059','MSFT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('765-04-9517','MTCH');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('170-14-7414','MU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('773-70-5950','MXIM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('854-84-9728','NFLX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('176-35-8904','NTES');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('445-05-2690','NVDA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('680-79-1165','NXPI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('705-40-1237','PAYX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('540-15-2384','PCAR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('868-20-8805','PDD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('628-04-8393','PEP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('800-27-8269','PTON');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('309-92-8319','PYPL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('196-49-2580','QCOM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('349-27-8840','REGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('786-57-0915','ROST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('856-68-4328','SBUX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('879-32-5478','SGEN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('160-32-8967','SIRI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('890-02-1974','SNPS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('274-89-1563','SPLK');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('892-87-7277','SWKS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('704-62-5350','TCOM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('313-92-0729','TEAM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('782-20-2923','TMUS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('608-78-5022','TSLA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('177-83-2973','TXN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('430-56-2484','VRSK');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('795-48-0091','VRSN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('432-77-7878','VRTX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('863-13-2657','WBA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('379-88-3962','WDAY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('277-64-4416','XEL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('548-51-5470','XLNX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('299-02-0038','ZM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('167-46-4163','AAPL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('511-04-2912','ADBE');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('483-31-6805','ADI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('463-58-2929','ADP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('794-47-2730','ADSK');

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INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('587-88-8735','AEP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('348-23-7098','ALGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('197-42-2561','ALXN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('557-70-3295','AMAT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('201-37-8619','AMD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('486-12-5539','AMGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('296-96-6618','AMZN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('866-37-9878','ANSS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('655-22-4118','ASML');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('396-97-0026','ATVI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('864-28-2598','AVGO');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('119-37-0712','BIDU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('164-99-9640','BILB');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('749-90-8286','BKNG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('285-65-6123','CDNS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('602-32-0254','CDW');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('445-49-3458','CERN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('203-05-7339','CHKP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('826-69-3636','CHTR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('778-04-5057','CMCSA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('233-28-8251','COST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('371-34-6412','CPRT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('271-26-8460','CSCO');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('472-72-9400','CSX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('398-45-5602','CTAS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('829-03-7745','CTSH');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('410-04-5704','DLTR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('449-38-5507','DOCU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('409-58-1484','DXCM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('142-54-5526','EA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('582-77-2907','EBAY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('633-67-7452','EXC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('386-45-1496','FAST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('493-25-6255','FB');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('484-98-0411','FISV');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('648-02-6732','FOX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('791-36-3835','FOXA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('393-70-1657','GILD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('533-45-4184','GOOG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('691-18-6855','GOOGL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('403-09-1002','IDXX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('882-88-5329','ILMN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('173-76-5786','INCY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('659-57-5882','INTC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('676-01-1285','INTU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('684-89-9107','ISRG');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('695-13-8456','JD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('214-02-2278','KDP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('691-11-9645','KHC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('520-48-2747','KLAC');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('824-42-4419','LRCX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('676-82-5176','LULU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('143-16-6485','MAR');

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INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('653-41-3399','MCHP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('226-74-1767','MDLZ');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('836-72-7280','MELI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('119-07-5700','MNST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('632-24-0701','MRNA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('358-84-3303','MRVL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('288-37-3396','MSFT');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('551-77-2311','MTCH');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('222-74-7187','MU');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('785-69-1965','MXIM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('537-75-5604','NFLX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('207-37-0556','NTES');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('697-10-7325','NVDA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('520-45-3154','NXPI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('830-48-5007','PAYX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('364-32-7913','PCAR');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('478-02-3743','PDD');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('803-89-1118','PEP');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('576-29-7296','PTON');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('551-70-2035','PYPL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('169-47-3102','QCOM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('515-65-4018','REGN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('775-39-8790','ROST');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('512-96-3761','SBUX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('886-07-1879','SGEN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('431-96-3181','SIRI');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('415-53-3154','SNPS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('719-12-6397','SPLK');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('749-38-4537','SWKS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('647-59-3047','TCOM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('625-38-2544','TEAM');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('464-52-7434','TMUS');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('848-70-3112','TSLA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('624-29-7181','TXN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('586-18-3503','VRSK');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('148-91-9960','VRSN');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('781-01-2915','VRTX');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('363-22-5622','WBA');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('196-93-1179','WDAY');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('416-91-7992','XEL');
INSERT INTO INSTOCK_T (ClientTaxID, StockTick) VALUES ('253-14-4121','XLNX');

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## A6: Data Load for INMFUND\_T Table

--Data Load SQL for INMFUND\_T Table

--Created on 03/20/2021

--Compiled by Sanjay D

SET DEFINE OFF

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INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('684-89-9107','FANAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('695-13-8456','FNRCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('214-02-2278','FANIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('691-11-9645','FIKAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('520-48-2747','FAGNX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('824-42-4419','FGDIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('676-82-5176','FIJDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('143-16-6485','FGDTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('653-41-3399','FGDAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('226-74-1767','FGDCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('836-72-7280','FIQMX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('119-07-5700','FLFIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('632-24-0701','FLFTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('358-84-3303','FLFAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('288-37-3396','FLFCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('551-77-2311','FFNPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('222-74-7187','FLATX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('785-69-1965','FNBGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('537-75-5604','FBLTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('207-37-0556','FSRBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('697-10-7325','FSENX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('520-45-3154','FSESX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('830-48-5007','FSAGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('364-32-7913','FTLTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('478-02-3743','GLDAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('803-89-1118','GOLDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('576-29-7296','GLDCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('551-70-2035','GLDIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('169-47-3102','GCEBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('515-65-4018','GCEGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('775-39-8790','GCEPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('512-96-3761','GCEHX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('886-07-1879','GCEEX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('431-96-3181','GCEDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('415-53-3154','GCEJX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('719-12-6397','GGBPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('749-38-4537','GSGAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('647-59-3047','GSGDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('625-38-2544','GSCPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('464-52-7434','GLIRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('848-70-3112','GAMDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('624-29-7181','GCM DX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('586-18-3503','GIMDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('148-91-9960','GIMSX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('781-01-2915','GMWPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('363-22-5622','HSMAX');
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INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('196-93-1179','HTSCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('416-91-7992','HSMFX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('253-14-4121','HSEIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('716-62-4210','HSMRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('807-79-1729','HSM SX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('384-52-8372','HSM TX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('537-15-8843','HSMVX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('316-40-7637','HSMYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('119-34-3907','IENAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('241-93-1885','IEFCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('469-39-9234','FSTEX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('846-85-7238','IENIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('211-23-9695','IENSX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('868-71-6295','IENYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('501-46-7047','EMLDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('409-42-7030','OEMAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('833-57-3133','OEMCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('508-33-1951','OEMIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('100-19-5259','OEMNX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('750-02-9703','OEMYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('759-69-1723','PDREX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('335-67-4787','PDRBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('263-85-9433','PDRFX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('241-53-6732','PDRRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('377-70-3529','PDRGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('243-90-6955','PDRYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('678-02-4611','PPRPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('450-69-0429','PPRLX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('555-20-2080','PPRNX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('267-03-5739','PPROX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('658-23-2400','PPRWX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('839-34-4916','PPRYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('468-62-7883','PSLAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('826-77-8981','PSLBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('114-42-5951','PSLRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('190-74-2353','PSCMX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('780-80-6494','PYSVX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('117-56-2811','PSLCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('895-42-2533','RYCWX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('434-06-9094','RYIDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('842-09-7166','RYCZX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('458-38-0827','RYTMX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('333-12-1441','RYIUX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('133-96-9521','RYIRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('474-05-5474','RYIZX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('201-87-3929','RYCBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('245-84-2619','RYTPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('875-14-7346','RYRLX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('396-27-7497','RYRUX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('801-18-2586','RYRSX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('287-50-9082','RYECX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('479-05-3026','RYBKX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('506-52-5384','RYKAX');

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INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('609-68-9418','RYENX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('805-11-0411','RYEAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('702-18-9788','RYCGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('448-72-0802','RYABX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('844-34-6405','RYGBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('645-51-6184','RYAGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('146-14-7747','RYCLX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('703-85-7716','RYMHX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('421-04-0560','RYAFX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('165-22-9250','RYCQX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('383-45-4939','RYSHX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('105-04-9238','RYAZX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('751-39-7736','RYSVX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('430-46-3716','RYYCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('888-03-0330','RYKIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('347-49-2150','RYEIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('513-63-5592','RYWWX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('407-28-7709','RYWYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('251-92-9205','RYWZX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('172-86-5437','VENAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('744-21-5441','VEDIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('702-72-0065','VEDTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('294-48-8037','VBLIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('224-47-0687','VBLAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('868-88-8337','VBLIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('397-24-7639','VWETX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('585-92-7970','VWESX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('735-44-8460','VUSUX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('440-60-2056','VUSTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('796-28-6953','VLGSX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('827-25-0108','VLGIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('660-34-0353','VLTGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('701-76-9890','VLCIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('162-54-2162','VSMVX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('126-83-0606','RSNRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('712-97-7683','RGNCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('822-54-8411','RSNKX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('683-07-5171','RSNYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('748-33-1763','MMEAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('873-98-1629','MMECX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('260-04-2103','MMERX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('361-47-9519','MMEYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('160-57-5326','MMMMX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('647-88-8639','SCVAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('282-94-4314','SCVIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('117-20-2915','SCVFX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('717-63-5436','SCVJX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('458-28-1711','FANAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('382-55-1702','FNRCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('281-04-1033','FANIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('660-42-2535','FIKAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('821-10-3812','FAGNX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('296-12-1714','FGDIX');

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INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('393-53-2500','FIJDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('331-79-6225','FGDTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('766-33-5224','FGDAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('848-26-5646','FGDCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('255-52-3588','FIQMX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('147-30-6537','FLFIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('704-08-7404','FLFTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('776-84-2732','FLFAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('770-05-6623','FLFCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('772-40-8285','FFNPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('837-08-7596','FLATX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('775-40-5157','FNBGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('528-44-4059','FBLTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('765-04-9517','FSRBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('170-14-7414','FSENX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('773-70-5950','FSEX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('854-84-9728','FSAGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('176-35-8904','FTLTX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('445-05-2690','GLDAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('680-79-1165','GOLDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('705-40-1237','GLDCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('540-15-2384','GLDIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('868-20-8805','GCEBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('628-04-8393','GCEGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('800-27-8269','GCEPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('309-92-8319','GCEHX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('196-49-2580','GCEEX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('349-27-8840','GCEDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('786-57-0915','GCEJX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('856-68-4328','GGBPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('879-32-5478','GSGAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('160-32-8967','GSGDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('890-02-1974','GSCPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('274-89-1563','GLIRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('892-87-7277','GAMDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('704-62-5350','GCMDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('313-92-0729','GIMDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('782-20-2923','GIMSX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('608-78-5022','GMWPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('177-83-2973','HSMAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('430-56-2484','HTSCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('795-48-0091','HSMFX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('432-77-7878','HSEIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('863-13-2657','HSMRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('379-88-3962','HSM SX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('277-64-4416','HSM TX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('548-51-5470','HSMVX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('299-02-0038','HSMYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('167-46-4163','IENAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('511-04-2912','IEFCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('483-31-6805','FSTEX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('463-58-2929','IENIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('794-47-2730','IENSX');

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INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('587-88-8735','IENYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('348-23-7098','EMLDX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('197-42-2561','OEMAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('557-70-3295','OEMCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('201-37-8619','OEMIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('486-12-5539','OEMNX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('296-96-6618','OEMYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('866-37-9878','PDREX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('655-22-4118','PDRBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('396-97-0026','PDRFX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('864-28-2598','PDRRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('119-37-0712','PDRGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('164-99-9640','PDRYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('749-90-8286','PPRPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('285-65-6123','PPRLX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('602-32-0254','PPRNX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('445-49-3458','PPROX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('203-05-7339','PPRWX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('826-69-3636','PPRYX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('778-04-5057','PSLAX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('233-28-8251','PSLBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('371-34-6412','PSLRX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('271-26-8460','PSCMX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('472-72-9400','PYSVX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('398-45-5602','PSLCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('586-18-3503','GLDCX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('148-91-9960','GLDIX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('781-01-2915','GCEBX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('363-22-5622','GCEGX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('196-93-1179','GCEPX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('416-91-7992','GCEHX');
INSERT INTO INMFUND_T(ClientTaxID, MFundTick) VALUES('253-14-4121','GCEEX');

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