

Lesson 10 done by Yergesh Bakytzhan

```
CREATE TABLE FCT_DAYBALANCE(  
    DT VARCHAR2(12),  
    ID_ACCOUNT NUMBER,  
    VAL_RST_NAT VARCHAR(100)  
);
```

SQL Worksheet

```
1 CREATE TABLE FCT_DAYBALANCE(  
2     DT VARCHAR2(12),  
3     ID_ACCOUNT NUMBER,  
4     VAL_RST_NAT VARCHAR(100)  
5 );  
6
```

Table created.

```
INSERT INTO FCT_DAYBALANCE(DT, ID_ACCOUNT, VAL_RST_NAT)  
VALUES  
(  
    '18.03.2014', 1000221980318, '-45516,51'  
);
```

```
INSERT INTO FCT_DAYBALANCE(DT, ID_ACCOUNT, VAL_RST_NAT)  
VALUES  
(
```

'19.03.2014', 1000221980318, '-45516,51'

);

INSERT INTO FCT_DAYBALANCE(DT, ID_ACCOUNT, VAL_RST_NAT)

VALUES

(

'20.03.2014', 1000221980318, '-45516,51'

);

INSERT INTO FCT_DAYBALANCE(DT, ID_ACCOUNT, VAL_RST_NAT)

VALUES

(

'21.03.2014', 1000221980318, '-45516,51'

);

SQL Worksheet

```
1 INSERT INTO FCT_DAYBALANCE(DT, ID_ACCOUNT, VAL_RST_NAT)
2 VALUES
3 (
4   '18.03.2014', 1000221980318, '-45516,51'
5 );
6
7 INSERT INTO FCT_DAYBALANCE(DT, ID_ACCOUNT, VAL_RST_NAT)
8 VALUES
9 (
10  '19.03.2014', 1000221980318, '-45516,51'
11 );
12
13 INSERT INTO FCT_DAYBALANCE(DT, ID_ACCOUNT, VAL_RST_NAT)
14 VALUES
15 (
16  '20.03.2014', 1000221980318, '-45516,51'
17 );
18
19 INSERT INTO FCT_DAYBALANCE(DT, ID_ACCOUNT, VAL_RST_NAT)
20 VALUES
21 (
```

SELECT * FROM FCT_DAYBALANCE

SQL Worksheet

```
1 SELECT * FROM FCT_DAYBALANCE
```

DT	ID_ACCOUNT	VAL_RST_NAT
20.05.2016	1000221980318	-58094,9
21.05.2016	1000221980318	-58094,9
22.05.2016	1000221980318	-58094,9
23.05.2016	1000221980318	-58094,9
24.05.2016	1000221980318	-58094,9
25.05.2016	1000221980318	-58094,9
26.05.2016	1000221980318	-58094,9
27.05.2016	1000221980318	-58094,9

declare

CURSOR d_date is

SELECT dt FROM FCT_DAYBALANCE;

type d_list is varray (20000) of FCT_DAYBALANCE.dt%type;

date_list d_list := d_list();

f_counter integer := 0;

a_counter integer := 0;

begin

FOR n IN d_date LOOP

f_counter := f_counter + 1;

```

date_list.extend;

date_list(f_counter) := n.dt;

date_list(f_counter) := to_char(to_date(REPLACE(date_list(f_counter), '.', '/'),
'dd/mm/yyyy'), 'yyyy-mm-dd');

UPDATE FCT_DAYBALANCE SET DT = date_list(f_counter);

END LOOP;

FOR n IN d_date LOOP

a_counter := a_counter + 1;

dbms_output.put_line('Date:'||date_list(a_counter));

END LOOP;

end;

declare

CURSOR n_num is

SELECT VAL_RST_NAT FROM FCT_DAYBALANCE;

type n_list is varray (20000) of FCT_DAYBALANCE.VAL_RST_NAT%type;

num_list n_list := n_list();


f_counter integer := 0;

a_counter integer := 0;

begin

FOR n IN n_num LOOP

f_counter := f_counter + 1;

num_list.extend;

num_list(f_counter) := n.VAL_RST_NAT;

num_list(f_counter) := to_number(num_list(f_counter));

UPDATE FCT_DAYBALANCE SET VAL_RST_NAT = date_list(f_counter);

END LOOP;

FOR n IN n_num LOOP

a_counter := a_counter + 1;

```

```
dbms_output.put_line('Debts:'||num_list(a_counter));  
END LOOP;  
end;
```