

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (78)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Sample Execute

SQLQuery3.sql - ...EEVANANDHAM (78)) * Object Explorer

```
/*Table creation */
create table Customer (custid int not null,Custname varchar(25) not null,Age smallint not null,Phone int Not null);
create table Loan(Loanid int not null,Amount bigint not null,Custid int not null,EMI int Not null);
create table Account(Acno bigint not null,Custid int not null,Balance bigint not null);

/* constraint */
alter table Account add constraint fk_cust_id foreign key(custid) references customer(custid)
alter table Loan add constraint fk_custid foreign key(custid) references customer(custid)
Alter table loan add primary key(Loanid);
Alter table Account add primary key(Acno);

/* customers Data */
insert into customer values(100, 'jeeva', 25, 9876543)
insert into customer values(101, 'smith', 26, 9876543)
insert into customer values(102, 'john', 29, 9876543)
insert into customer values(103, 'wick', 32, 9876543)
insert into customer values(104, 'adan', 30, 9876543)

/*Loan Data */
insert into loan values(1001, 65000 ,100,1950)
insert into loan values(1002, 75000 ,101, 2250)
insert into loan values(1003, 60000 ,101, 1800)
insert into loan values(1004, 100000 ,102, 3000)
insert into loan values(1005, 80000 ,104, 2400)
insert into loan values(1006, 60000 ,102, 1800)
insert into loan values(1007, 60000 ,104, 1800)

/*Account Data */
insert into Account values(345678,100,20800)
insert into Account values(876541,101,40800)
insert into Account values(765654,103,80800)
insert into Account values(345987,104,26800)
insert into Account values(345321,102,22800)
```

80 %

Results Messages

1	1001	65000	100	1950
2	1002	75000	101	2250

Query executed successfully.

DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 17 rows

Ready Ln 33 Col 46 Ch 46 INS

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (78)) - Microsoft SQL Server Management Studio

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Sample Execute

SQLQuery3.sql - ...EEVANANDHAM (78)) * Object Explorer

100 %

Results Messages

	custid	Custname	Age	Phone
1	100	jeeva	25	9876543
2	101	smith	26	9876543
3	102	john	29	9876543
4	103	wick	32	9876543
5	104	adan	30	9876543

	Loanid	Amount	Custid	EMI
1	1001	65000	100	1950
2	1002	75000	101	2250
3	1003	60000	101	1800
4	1004	100000	102	3000
5	1005	80000	104	2400
6	1006	60000	102	1800
7	1007	60000	104	1800

	Acno	Custid	Balance
1	345321	102	22800
2	345678	100	20800
3	345987	104	26800
4	765654	103	80800
5	876541	101	40800

Query executed successfully.

DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 5 rows

Ready Ln 1 Col 1 INS

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (78))* - Microsoft SQL Server Management Studio

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Sample Execute

SQLQuery3.sql - ...EEVANANDHAM (78))* Object Explorer

```
/* list the loanid of loans wuth emi more than 2000rs*/  
select loanid from loan where emi>2000;
```

100 %

Results Messages

	loanid
1	1002
2	1004
3	1005

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 3 rows

Ready Ln 33 Col 46 Ch 46 INS

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (78))* - Microsoft SQL Server Management Studio

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Sample Execute

SQLQuery3.sql - ...EEVANANDHAM (78))* Object Explorer

```
/*list the emi and number of loans with that loan amount in sql server*/  
select Amount,COUNT(*) AS NumofLoans from Loan  
GROUP BY Amount;
```

150 %

Results Messages

	Amount	NumofLoans
1	60000	3
2	65000	1
3	75000	1
4	80000	1
5	100000	1

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 5 rows

Ready Ln 43 Col 1 Ch 1 INS

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (78)) - Microsoft SQL Server Management Studio

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Sample Execute

```
/* display the emi amount of customer smith */
select emi, custname from loan inner join customer on loan.custid=customer.custid
where custname = 'smith';
select * from loan
```

150 %

Results Messages

	emi	custname
1	2250	smith
2	1800	smith

	Loanid	Amount	Custid	EMI
1	1001	65000	100	1950
2	1002	75000	101	2250
3	1003	60000	101	1800
4	1004	100000	102	3000
5	1005	80000	104	2400
6	1006	60000	102	1800
7	1007	60000	104	1800

Query executed successfully.

DESKTOP-F5C1RNO\SQLEXPRESS... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 9 rows

Ready Ln 46 Col 1 Ch 1 INS

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (78)) - Microsoft SQL Server Management Studio

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Sample Execute

```
/* Create a view to list the total number of loans that are availed */
CREATE VIEW [numberofloans] as
select count(loanid) noofloans from loan
select * from numberofloans;
```

150 %

Results Messages

	noofloans
1	7

Query executed successfully.

DESKTOP-F5C1RNO\SQLEXPRESS... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 1 rows

Ready Ln 51 Col 27 Ch 27 INS

SQLQuery4.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (64)) - Microsoft SQL Server Management Studio

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Sample Execute

SQLQuery4.sql -...EEVANANDHAM (64)* SQLQuery3.sql -...EEVANANDHAM (78)* Object Explorer

```
-- the definition of the procedure.
-- =====
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- =====
-- Author: Jeevanandham
-- Create date:
-- Description: udf_loandetails
-- =====
CREATE or alter PROCEDURE udf_loandetails
-- Add the parameters for the stored procedure here
AS
BEGIN
select amount, custid from loan where loanid=1001;
END
GO
```

100 %

Messages

Commands completed successfully.

Completion time: 2023-03-19T23:32:51.2984712+05:30

100 %

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 0 rows

Ready Ln 15 Col 3 Ch 3 INS

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (78)) - Microsoft SQL Server Management Studio

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Sample Execute

SQLQuery4.sql -...EEVANANDHAM (64)* SQLQuery3.sql -...EEVANANDHAM (78)* Object Explorer

```
/* create a procedure to print the amount and custid of loanid 1001 */
Exec udf_loandetails;
```

150 %

Results Messages

	amount	custid
1	65000	100

150 %

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 1 rows

Ready Ln 1 Col 1 INS

SQLQuery6.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (66)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Sample Execute

SQLQuery6.sql -...EEVANANDHAM (66))* SQLQuery4.sql -...EEVANANDHAM (64))* SQLQuery3.sql -...EEVANANDHAM (78))* Object Explorer

```
GO
SET QUOTED_IDENTIFIER ON
GO
-- Author: Jeevanandham
-- Create date:
-- Description:
--
-- Add the parameters for the function here
)
RETURNS
TABLE
AS
-- Fill the table variable with the rows for your result set
RETURN
select amount from loan where custid=100;
GO
```

77 %

Messages

Commands completed successfully.

Completion time: 2023-03-19T23:40:15.5140599+05:30

77 %

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 0 rows

Ready Ln 29 Col 2 Ch 2 INS

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Sample (DESKTOP-F5C1RNO\EEVANANDHAM (78)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Sample Execute

SQLQuery6.sql -...EEVANANDHAM (66))* SQLQuery4.sql -...EEVANANDHAM (64))* SQLQuery3.sql -...EEVANANDHAM (78))* Object Explorer

```
/* create a function to display the loan amount of customer with custid 100 */
select * from udf_loanet();
```

150 %

Results Messages

	amount
1	65000

150 %

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS... DESKTOP-F5C1RNO\EEVAN... Sample 00:00:00 1 rows

Ready Ln 58 Col 29 Ch 29 INS