

SQLQuery1.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\EEVANANDHAM (67)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Assessment Execute

SQLQuery1.sql -EEVANANDHAM (67)* SQLQuery2.sql -EEVANANDHAM (73)* SQLQuery3.sql -EEVANANDHAM (72)* Object Explorer

```

/* Table Creation */
create table Sailor ( sailorid int primary key not null,sname varchar(25) not null,rating int not null,age int not null);
create table Boats(bid int primary key not null,bname varchar(25) not null,colour varchar(25) not null)
create table Reserves (sailorid int primary key not null,bid int not null,day date);

/* constraint*/
alter table Reserves add constraint fk_bid foreign key(bid) references Boats(bid);

/*sailor Data*/
insert into sailor values(101, 'Jeeva', 4, 28);
insert into sailor values(102, 'john', 4.5, 28);
insert into sailor values(103, 'Wick', 3, 28);
insert into sailor values(104, 'Alexender', 4, 28);
insert into sailor values(105, 'joe', 5, 28);
insert into sailor values(106, 'Adam', 3.5, 28);

/* Boats data*/
insert into boats values(201, 'black pearl', 'blue');
insert into boats values(202, 'columbus', 'blue');
insert into boats values(203, 'Titanic', 'Green');
insert into boats values(204, 'imagination', 'Green');
insert into boats values(205, 'wanderlust', 'brown');
insert into boats values(206, 'gale', 'white');
insert into boats values(207, 'Liberty', 'blue');

/* Reserves data */
insert into Reserves values( 101, 201, '2021/08/23');
insert into Reserves values( 102, 202, '2022/08/23');
insert into Reserves values( 103, 203, '2020/08/13');
insert into Reserves values( 104, 204, '2008/06/15');
insert into Reserves values( 105, 205, '2018/02/23');
insert into Reserves values( 106, 207, '2021/03/12');
insert into Reserves values( 106, 207, '2022/01/20');

```

88 %

Results Messages

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

Matches: (Ln 32 Col 54 Ch 54 INS

SQLQuery1.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\EEVANANDHAM (67)) - Microsoft SQL Server Management Studio

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Assessment Execute

SQLQuery3.sql -EEVANANDHAM (72)* SQLQuery2.sql -EEVANANDHAM (73)* SQLQuery1.sql -EEVANANDHAM (67)* Object Explorer

```

select * from sailor
select * from boats
select * from reserves

```

90 %

Results Messages

	sailorid	sname	rating	age
1	101	Jeeva	4	28
2	102	john	4	28
3	103	Wick	3	28
4	104	Alex...	4	28
5	105	joe	5	28
6	106	Adam	3	28

	bid	bname	colour
1	201	black pearl	blue
2	202	columbus	blue
3	203	Titanic	Gre...
4	204	imaginati...	Gre...
5	205	wanderlust	brown
6	206	gale	white
7	207	Liberty	blue

	sailorid	bid	day
1	101	201	2021-08-23
2	102	202	2022-08-23
3	103	203	2020-08-13
4	104	204	2008-06-15
5	105	205	2018-02-23
6	106	207	2021-03-12

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\EEVAN... Assessment 00:00:00 19 rows

Matches: (Ln 35 Col 21 Ch 21 INS

SQLQuery1.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\JEEVANANDHAM (67)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Assessment Execute

```
/* List the sailors in the descending order of their rating*/  
  
select * from sailor  
order by rating desc
```

150 %

Results Messages

	sailorid	sname	rating	age
1	105	joe	5	28
2	101	Jeeva	4	28
3	102	john	4	28
4	104	Alexander	4	28
5	103	Wick	3	28
6	106	Adam	3	28

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\JEEVAN... Assessment 00:00:00 6 rows

Ready Ln 56 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\JEEVANANDHAM (67)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Assessment Execute

```
/* create a view to list the sailors with rating greater than 3 */  
  
create view higherratingsailors as  
select sname, rating from sailor  
where rating >3;  
  
select * from higherratingsailors;
```

150 %

Results Messages

	sname	rating
1	Jeeva	4
2	john	4
3	Alexander	4
4	joe	5

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\JEEVAN... Assessment 00:00:00 4 rows

Ready Ln 67 Col 35 Ch 35 INS

SQLQuery1.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\JEEVANANDHAM (67))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Assessment Execute

SQLQuery1.sql -...EEVANANDHAM (67))* Object Explorer

```
/* list the colour of the boats along with number of boats with that colour */  
  
select colour , count(*) as numberofboats from Boats  
group by colour;
```

150 %

Results Messages

	colour	numberofboats
1	blue	3
2	brown	1
3	Green	2
4	white	1

Query executed successfully.

DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\JEEVAN... Assessment 00:00:00 4 rows

Ready Ln 74 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\JEEVANANDHAM (67))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Assessment Execute

SQLQuery1.sql -...EEVANANDHAM (67))* Object Explorer

```
/* list the dates in which green colour boat is reserved */  
  
select day, colour from reserves inner join boats on  
reserves.bid=boats.bid  
where colour= 'green'
```

150 %

Results Messages

	day	colour
1	2020-08-13	Green
2	2008-06-15	Green

Query executed successfully.

DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\JEEVAN... Assessment 00:00:00 2 rows

Ready Ln 80 Col 1 Ch 1 INS

SQLQuery2.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\JEEVANANDHAM (73)) - Microsoft SQL Server Management Studio

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Assessment

GO
SET QUOTED_IDENTIFIER ON
GO

```
-- =====  
-- Author: Jeevanandham  
-- Create date:  
-- Description:  
-- =====  
CREATE PROCEDURE udf_blucolourboats  
-- Add the parameters for the stored procedure here  
  
AS  
  
-- SET NOCOUNT ON added to prevent extra result sets from  
-- interfering with SELECT statements.  
SET NOCOUNT ON;  
  
-- Insert statements for procedure here  
SELECT * from boats  
where colour= 'blue';  
GO
```

102 %

Messages

Commands completed successfully.

Completion time: 2023-03-20T11:20:22.1932432+05:30

102 %

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\JEEVAN... Assessment 00:00:00 0 rows

SQLQuery1.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\JEEVANANDHAM (67)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Assessment

SQLQuery2.sql - ...EEVANANDHAM (73)) * SQLQuery1.sql - ...EEVANANDHAM (67)) * Object Explorer

```
/* write a procedure to list the details of blue colour boat */  
  
Exec udf_blucolourboats;
```

150 %

Results Messages

	bid	bname	colour
1	201	black pearl	blue
2	202	columbus	blue
3	207	Liberty	blue

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\JEEVAN... Assessment 00:00:00 3 rows

SQLQuery1.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\JEEVANANDHAM (67))* - Microsoft SQL Server Management Studio

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Assessment

SQLQuery3.sql -...EEVANANDHAM (72)* SQLQuery2.sql -...EEVANANDHAM (73)* SQLQuery1.sql -...EEVANANDHAM (67)* Object Explorer

```
/* create a function that accepts sid and returns the name of the sailor */

select dbo.udf_sailorname(101) as sailorname
select dbo.udf_sailorname(102) as sailorname
select dbo.udf_sailorname(103) as sailorname
```

150 %

Results Messages

sailorname
1 Jeeva

sailorname
1 john

sailorname
1 Wick

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\JEEVAN... Assessment 00:00:00 3 rows

SQLQuery3.sql - DESKTOP-F5C1RNO\SQLEXPRESS.Assessment (DESKTOP-F5C1RNO\JEEVANANDHAM (72))* - Microsoft SQL Server Management Studio

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Assessment

SQLQuery3.sql -...EEVANANDHAM (72)* SQLQuery2.sql -...EEVANANDHAM (73)* SQLQuery1.sql -...EEVANANDHAM (67)* Object Explorer

```
-- =====
-- Author: Jeevanandham
-- Create date:
-- Description:
-- =====
CREATE FUNCTION udf_sailorname
(@sailorid int)
RETURNS varchar(25)
begin
declare @name varchar(25)
select @name = sname from sailor where sailorid = @sailorid
return @name
end

select udf_sailorname()

-- Fill the table variable with the rows for your result set

return
```

113 %

Messages

Commands completed successfully.

Completion time: 2023-03-20T11:35:51.1162993+05:30

Query executed successfully. DESKTOP-F5C1RNO\SQLEXPRESS ... DESKTOP-F5C1RNO\JEEVAN... Assessment 00:00:00 0 rows