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Assignment_data

```sql
1   create database sailorDB;
2   use sailorDB;
3
4   create table Sailors(
5       sid int primary key,
6       sname varchar(20) not null,
7       rating int,
8       age int
9   );
10  ALTER table Sailors ADD CHECK ('rating'>0 and 'ratingg'<=100);
11
12  CREATE TABLE BOATS(
13      bid INT,
14      Bname varchar(20) not null,
15      color enum('blue','red','green','black','white'),
16      constraint pk_boats primary key(bid)
17  );
18  CREATE TABLE RESERVES(
19      SID int,
20      bid int,
21      day date default(curdate()),
22      constraint fk_bid foreign key(bid) references boats(bid) on update cascade on delete restrict,
23      constraint fk_sid foreign key(bid) references sailors(sid) on update cascade on delete restrict
24  );
25  select*from INFORMATION_SCHEMA.TABLE_CONSTRAINTS WHERE CONSTRAINT_SCHEMA="sailordb";
26  select*from INFORMATION_SCHEMA.REFERENTIAL_CONSTRAINTS WHERE CONSTRAINT_SCHEMA="sailordb";
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

CONSTRAINT_CATALOG	CONSTRAINT_SCHEMA	CONSTRAINT_NAME	TABLE_SCHEMA	TABLE_NAME	CONSTRAINT_TYPE	ENFORCED
def	sailordb	PRIMARY	sailordb	boats	PRIMARY KEY	YES
def	sailordb	fk_bid	sailordb	reserves	FOREIGN KEY	YES
def	sailordb	fk_sid	sailordb	reserves	FOREIGN KEY	YES
def	sailordb	PRIMARY	sailordb	sailors	PRIMARY KEY	YES
def	sailordb	sailors_chk_1	sailordb	sailors	CHECK	YES

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

CONSTRAINT_CATALOG	CONSTRAINT_SCHEMA	CONSTRAINT_NAME	UNIQUE_CONSTRAINT_CATALOG	UNIQUE_CONSTRAINT_SCHEMA	UNIQUE_CONSTRAINT_NAME	MATCH_OPTION	UPDATE_RULE
def	sailordb	fk_bid	def	sailordb	PRIMARY	NONE	CASCADE
def	sailordb	fk_sid	def	sailordb	PRIMARY	NONE	CASCADE