

# DATABASE MANAGEMENT SYSTEMS LAB

## EXPERIMENT NO: 4

DATE:

### Create These Tables

```
create table Sailors(
    sid    int not null constraint sailors_pk primary key,
    sname  varchar2(20),
    rating int,
    age    decimal(4,1)
);
create table Boats(
    bid    int not null constraint boat_pk primary key,
    bname  varchar2(20),
    color  varchar2(20)
);
create table Reserves(
    sid    int,
    bid    int,
    day    date,
    primary key (sid,bid,day),
    foreign key (sid) references Sailors(sid)
        ON DELETE CASCADE,
    foreign key (bid) references Boats(bid)
        ON DELETE CASCADE
);
```

Insert the following data in those tables

SAILORS			
SID	SNAME	RATING	AGE
22	Dustin	7	45
29	Brutus	1	33
31	Lubber	8	55.5
32	Andy	8	25
58	Rusty	10	35
64	Horatio	7	35
71	Zorba	10	16
74	Dunkon	9	40
85	Ardhar	3	25.5
95	Bob	3	63.5

BOATS		
BID	BNAME	COLOR
101	Interlake	blue
102	Interlake	red
103	Clipper	green
104	Marine	red

RESERVES		
SID	BID	DAY
22	101	10-10-1998
22	102	10-10-1998
22	103	10-08-1998
22	104	10-07-1998
31	102	11-10-1998
31	103	11-06-1998
31	104	11-12-1998
64	101	09-05-1998
64	102	09-08-1998
74	103	09-08-1998

Regd. No:

## Inserting the Data into the Sailors Table

### Sample

```
insert into Sailors (sid,sname,rating,age)
values (22, 'Dustin', 7, 45.0);
```

## Inserting the Data into the Boats Table

### Sample

```
insert into Boats (bid,bname,color) values(101,'Interlake','blue');
```

Regd. No:

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## Inserting the Data into the Reserves Table

### Sample

```
insert into Reserves(sid,bid,day) values(22,101,'10-OCT-98');
```

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