Experiment No 3
Aim: Create a database using DDL & apply DDL & DML Commands
**Class:** SE Comp
Year: 2020-21
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Performance Date: 17-02-2021
Submission Date: 21-02-2021


Query:
```
create table sailor(
     sid int,
     sname varchar(40),
     rating varchar(5),
     age int
);

select * from sailor
```

Query:
```
create table boat (
    bid int,
    bname varchar(40),
    color varchar(40)
);

select * from boat
```

Query:
```
alter table sailor add address varchar(40) after sname

select * from sailor
```

Query:

```
alter table boat rename to boat_info
```
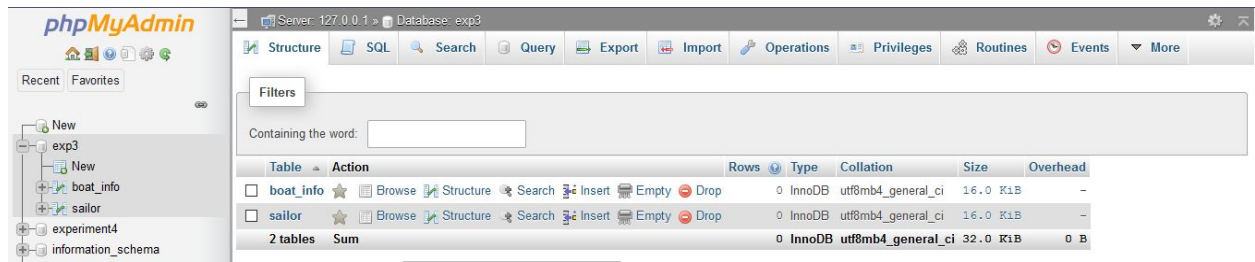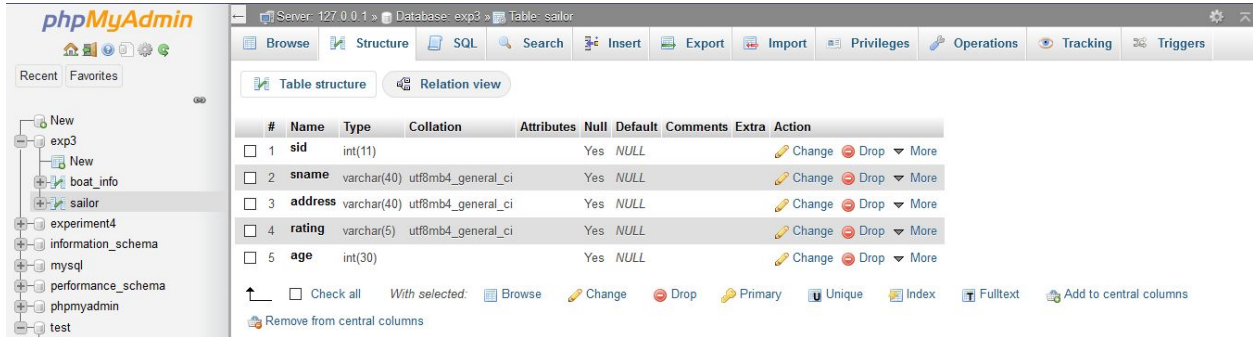

Query:

```
alter table boat_info change column bname boat_name varchar(40)
```
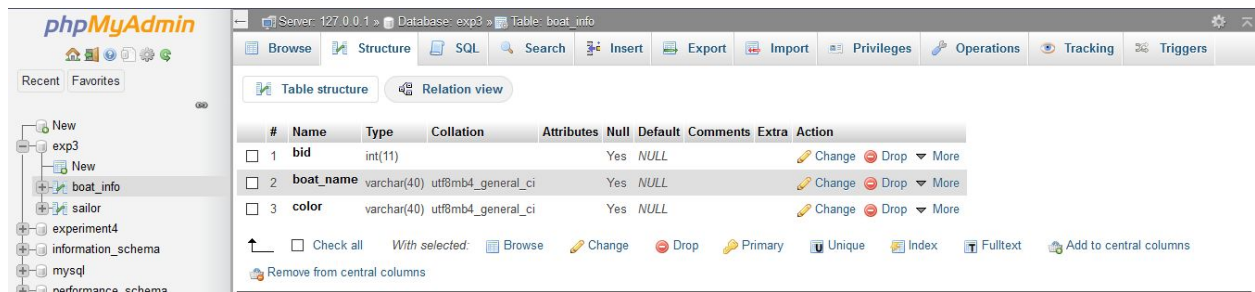
Query:

```
alter table sailor modify age int(30)
```
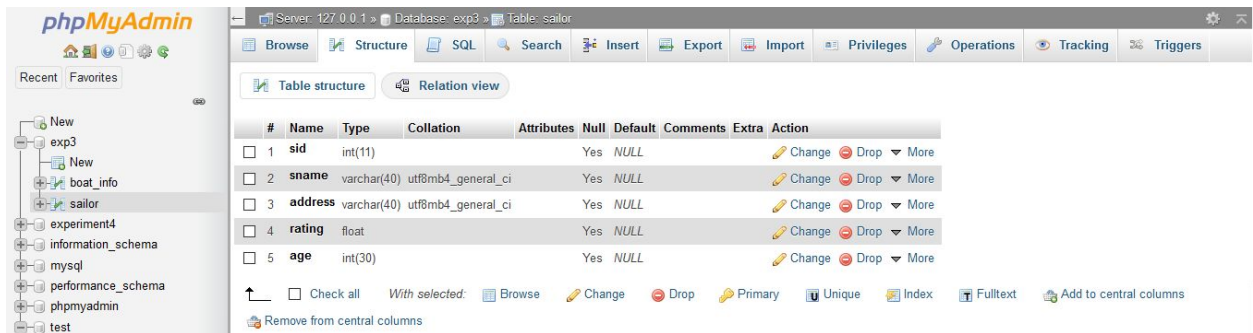

Query:

```
alter table sailor modify rating float
```

Query:
```
insert into sailor values (1, "Rahul", "Mumbai", 4, 34);

insert into sailor values (2, "Danyl", "Pune", 5, 21);

insert into sailor values (3, "Shrinath", "Hyderabad", 3, 22);
```

+ Options

sid	sname	address	rating	age
1	Rahul	Mumbai	4	34
2	Danyl	Pune	5	21
3	Shrinath	Hyderabad	3	22

Query:
```
insert into boat_info values (1, "Titan", "red");

insert into boat_info values (1, "Pirate", "green");

insert into boat_info values (1, "Falkan", "yellow");
```

+ Options

bid	boat_name	color
1	Titan	red
1	Pirate	green
1	Falkan	yellow

Query:
```
update boat_info set color="blue" where color="red"
```

bid	boat_name	color
1	Titan	blue
1	Pirate	green
1	Falkan	yellow

Query:
```
select * from sailor
```

sid	sname	address	rating	age
1	Rahul	Mumbai	4	34
2	Danyl	Pune	5	21
3	Shrinath	Hyderabad	3	22

Query:
```
update sailor set rating="5"
```

sid	sname	address	rating	age
1	Rahul	Mumbai	5	34
2	Danyl	Pune	5	21
3	Shrinath	Hyderabad	5	22

Query:

```
select * from boat_info where color="blue"
```

Showing rows 0 - 0 (1 total, Query took 0.0018 seconds.)

`select * from boat_info where color="blue"`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ☐ Filter rows: Search this table

+ Options

bid	boat_name	color
1	Titan	blue

Query:

```
select * from boat_info where color="yellow"
```

Showing rows 0 - 0 (1 total, Query took 0.0018 seconds.)

`select * from boat_info where color="yellow"`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ☐ Filter rows: Search this table

+ Options

bid	boat_name	color
1	Falkan	yellow

Query:

```
delete from boat_info where color="yellow"
```

```
select * from boat_info
```

bid	boat_name	color
1	Titan	blue
1	Pirate	green