

```
/*
```

Assignment No 6: Create a trigger and procedure to update rating of a sailor

```
*/
```

```
// Trigger Code
```

```
delimiter $$
```

```
create trigger return_upd before insert on reserve
```

```
for each row
```

```
begin
```

```
call sailor_upd(new.sid);
```

```
end $$
```

```
delimiter ;
```

```
// Procedure Code
```

```
delimiter $$
```

```
create procedure sailor_upd(in X int(3))
```

```
begin
```

```
update Sailors set srating=srating+1 where sid=X;
```

```
end $$
```

```
delimiter ;
```

```
/*
```

```
mysql> show tables;
```

```
+-----+
```

```
| Tables_in_BR |
```

```
+-----+
```

```
| Boats      |
```

```
| Sailors    |
```

```
| reserve    |
```

```
+-----+
```

3 rows in set (0.00 sec)

```
mysql> select * from Boats;
```

```
+----+-----+-----+
```

```
| Bid | Bname | Bcolor |
```

```
+----+-----+-----+
```

```
| 101 | Sitara | RED |
```

```
| 102 | Titanic | White |
```

```
| 103 | LTDM | Brown |
```

```
+----+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> select * from Sailors;
```

```
+----+-----+-----+
```

```
| sid | sname | srating |
```

```
+----+-----+-----+
```

```
| 1 | Aditi | 5 |
```

```
| 2 | Gauri | 6 |
```

```
| 3 | Vidya | 2 |
```

```
+----+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> source /home/student/trig.sql
```

Query OK, 0 rows affected (0.12 sec)

Query OK, 0 rows affected, 1 warning (0.13 sec)

```
mysql> insert into reserve values(101,2,'2023-01-01');
```

Query OK, 1 row affected (0.12 sec)

```
mysql> select * from Sailors;
```

```
+-----+-----+-----+  
| sid | sname | rating |
```

```
+-----+-----+-----+
```

```
| 1 | Aditi | 5 |
```

```
| 2 | Gauri | 7 |
```

```
| 3 | Vidya | 2 |
```

```
+-----+-----+-----+
```

```
3 rows in set (0.00 sec)
```

```
*/
```