NAME: ANURAG SAHAY

ENRL: 2020CSB092

1.

Creating table sailors

Inserting values in sailors table

```
mysql> INSERT INTO sailors VALUES(124,"kaustubh",3,20);
Query OK, 1 row affected (0.00 sec)
```

Sailors table after inserting values

Creating table boats

Inserting values in boats table

```
mysql> INSERT INTO boats VALUES(100,"speedboat","blue");
Query OK, 1 row affected (0.01 sec)
```

Boats table after inserting values

Creating table reserves

```
mysql> CREATE TABLE reserves(
-> s_id int REFERENCES sailors(s_id),
-> b_id int REFERENCES boats(b_id),
-> day char(10),
-> PRIMARY KEY (s_id,b_id));
Query OK, 0 rows affected (0.01 sec)
```

Inserting values in table reserves

```
mysql> INSERT INTO reserves VALUES(123,101,"MONDAY");
Query OK, 1 row affected (0.00 sec)
```

Reserves table after inserting values

a)

b)

```
mysql> SELECT sailors.s_id,s_name FROM sailors,reserves
    -> WHERE sailors.s_id=reserves.s_id
    -> AND day="MONDAY";
+----+
| s_id | s_name |
+----+
| 123 | anurag |
| 126 | tarun |
+----+
2 rows in set (0.00 sec)
```

c)

d)