

CSCE 310
Homework 6
Database Systems
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1.

```
C:\Users\rayzn\Documents\Database Systems\Homework 6>java -cp ".;derbyclient.jar" c931

---Database connection established---

Please input the manufacturer: E
1011 pc 1.86 2048 160 959
1012 pc 2.8 1024 160 649
1013 pc 3.06 512 80 529
2001 laptop 2.0 2048 240 20.1 3673
2002 laptop 1.73 1024 80 17.0 949
2003 laptop 1.8 512 60 15.4 549
3001 printer true ink-jet 99
3002 printer false laser 239
3003 printer true laser 899
```

2.

```
MariaDB [(none)]> use rzhu19
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

```
Database changed
MariaDB [rzhu19]> select * from classes where class = 'CSCE310';
+-----+-----+-----+-----+-----+
| class | type | country | numGuns | bore | disp |
+-----+-----+-----+-----+-----+
| CSCE310 | bb | USA | 13 | 18 | 34500 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
MariaDB [rzhu19]> select * from ships where class = 'CSCE310';
+-----+-----+-----+
| name | class | launched |
+-----+-----+-----+
| Database | CSCE310 | 2017 |
| Systems | CSCE310 | 2018 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
C:\Users\rayzn\Documents\Database Systems\Homework 6>java -cp ".;mysql-connector-java-5.1.44-bin.jar" c932
Username: rzhu19
Password: *****
Database: rzhu19
```

```
---Database connection established---

Please input a name of a class
CSCE310
User requested class: CSCE310
Please input the attributes in their respective order: type, country, numGuns, bore, displacement.
Type: bb
Country: USA
numGuns: 13
Bore: 18
Displacement: 34500
Please input the name and year of ships for the class: CSCE310
Name: Database
Year: 2017
Insert Successful
Add more ships? (Y/N): Y
Please input the name and year of ships for the class: CSCE310
Name: Systems
Year: 2018
Insert Successful
Add more ships? (Y/N): N
[Database, Systems]
[2017, 2018]
```

3.

```
C:\Users\rayzr\Documents\Database Systems\Homework 6>java -cp ".;derbyclient.jar" d942
---Database connection established---

Price: 100
pc 13
laptop 10
printer 5
```

4.

```

MariaDB [rzhu19]> select * from classes where class = 'Test';
+-----+-----+-----+-----+-----+-----+
| class | type | country | numGuns | bore | disp. |
+-----+-----+-----+-----+-----+-----+
| Test  | bb   | korea   | 14      | 19   | 45000  |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

MariaDB [rzhu19]> select * from ships where class = 'Test';
+-----+-----+-----+
| name | class | launched |
+-----+-----+-----+
| NULL | Test  | NULL     |
+-----+-----+-----+
1 row in set (0.00 sec)

```

```

C:\Users\rayzr\Documents\Database Systems\Homework 6>java -cp ".;mysql-connector-java-5.1.44-bin.jar" c943
Username: rzhu19
Password: 12345678
Database: rzhu19

---Database connection established---

Please input the attributes in their respective order: class, type, country, numGuns, bore, displacement.
Class: Test
Type: bb
Country: korea
numGuns: 14
Bore: 19
Displacement: 45000

```

An aggie does not lie, cheat, steal, or tolerate those who do