

CSCE 520 HW 1

1)

a. 12 ways

b. 144 ways

c. $n! + m!$

2) a. CREATE TABLE classes (

name VARCHAR(30),

type CHAR(2),

country VARCHAR(30),

numGuns INT,

bore INT,

displacement INT, PRIMARY KEY(name)

b. CREATE TABLE ships (

name VARCHAR(30),

class VARCHAR(20),

launched DATE, PRIMARY KEY(name)

c. CREATE TABLE battles (

name VARCHAR(30),

date DATE, PRIMARY KEY(name)

d. CREATE TABLE outcomes (

ship VARCHAR(30),

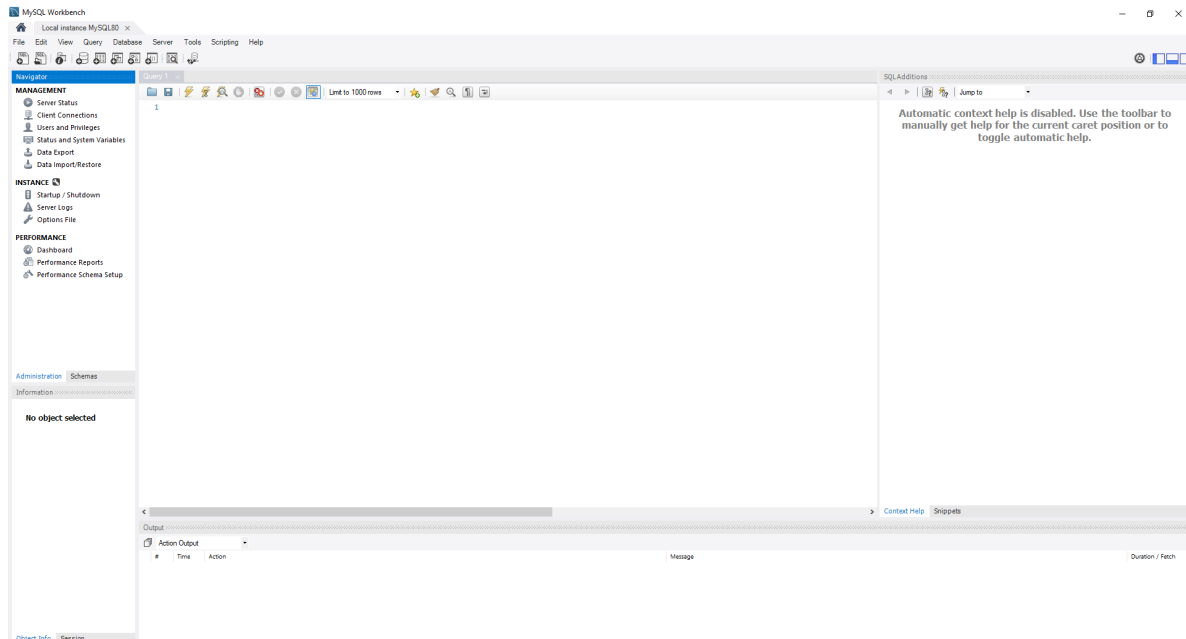
battle VARCHAR(30),

result CHAR(7), PRIMARY KEY(ship)

e. ALTER TABLE classes DROP bore

f. ALTER TABLE ships ADD year VARCHAR(2)

3)



```
C:\Administrator Command Prompt - mysql -uroot -p
01/24/2022 10:13 AM 7,257,272 mysql_upgrade.exe
01/24/2022 10:13 AM 6,257,856 my_print_defaults.exe
01/24/2022 10:13 AM 7,085,224 perror.exe
01/24/2022 10:13 AM 6,233,272 zlib_decompress.exe
43 File(s) 617,588,343 bytes
2 Dir(s) 157,623,214,080 bytes free

C:\School\Spring 2022\CSCE520\mysql-8.0.28-winx64\mysql-8.0.28-winx64\bin>mysql -uzfs -p
Enter password: *****
ERROR 1045 (28000): Access denied for user 'zfs'@'localhost' (using password: YES)

C:\School\Spring 2022\CSCE520\mysql-8.0.28-winx64\mysql-8.0.28-winx64\bin>q
'q' is not recognized as an internal or external command,
operable program or batch file.

C:\School\Spring 2022\CSCE520\mysql-8.0.28-winx64\mysql-8.0.28-winx64\bin>mysql -uroot -p
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 39
Server version: 8.0.28 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> _
```

```
C:\Command Prompt - mysql -uzfs -p
01/24/2022 10:13 AM 7,257,272 mysql_upgrade.exe
01/24/2022 10:13 AM 6,257,856 my_print_defaults.exe
01/24/2022 10:13 AM 7,085,224 perror.exe
01/24/2022 10:13 AM 6,233,272 zlib_decompress.exe
43 File(s) 617,588,343 bytes
2 Dir(s) 159,046,324,224 bytes free

C:\School\Spring 2022\CSCE520\mysql-8.0.28-winx64\mysql-8.0.28-winx64\bin>mysql -uroot -p
Enter password: ****
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)

C:\School\Spring 2022\CSCE520\mysql-8.0.28-winx64\mysql-8.0.28-winx64\bin>mysql -uzfs -p
'mysql-uzfs' is not recognized as an internal or external command,
operable program or batch file.

C:\School\Spring 2022\CSCE520\mysql-8.0.28-winx64\mysql-8.0.28-winx64\bin>mysql -uzfs -p
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 37
Server version: 8.0.28 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> _
```