Seminar Two Written Assignment

Bill Fulton

Baker College

**Create the first three tables from the Alexamara Marina Group database (marina, owner, marina\_slip) as described in the Guide to MySQL textbook on page 90. Populate these three tables with the data shown in the Guide to MySQL textbook on pages 15 and 16. You do not have to submit your CREATE TABLE or INSERT statements. Instead, show the results using SHOW COLUMNS FROM... for the table structures, and SELECT \* FROM... for the table contents. Be sure to copy and paste the SQL statement and the output from the statement.**

# Marina:

SHOW COLUMNS FROM MARINA;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| MARINA\_NUM | char(4) | NO | PRI | NULL |  |
| NAME | char(20) | YES |  | NULL |  |
| ADDRESS | char(15) | YES |  | NULL |  |
| CITY | char(15) | YES |  | NULL |  |
| STATE | char(2) | YES |  | NULL |  |
| ZIP | char(5) | YES |  | NULL |  |

SELECT \* FROM MARINA;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| MARINA\_NUM | NAME | ADDRESS | CITY | STATE | ZIP |
| 1 | Alexamara East | 108 2nd Ave. | Brinman | FL | 32273 |
| 2 | Alexamara Central | 283 Branston | W. Brinman | FL | 32274 |

# Owner:

SHOW COLUMNS FROM OWNER;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| OWNER\_NUM | char(4) | NO | PRI | NULL |  |
| LAST\_NAME | char(50) | YES |  | NULL |  |
| FIRST\_NAME | char(20) | YES |  | NULL |  |
| ADDRESS | char(15) | YES |  | NULL |  |
| CITY | char(15) | YES |  | NULL |  |
| STATE | char(2) | YES |  | NULL |  |
| ZIP | char(5) | YES |  | NULL |  |

SELECT \* FROM OWNER;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| OWNER\_NUM | LAST\_NAME | FIRST\_NAME | ADDRESS | CITY | STATE | ZIP |
| AD57 | Adney | Bruce and Jean | 208 Citrus | Bowton | FL | 31313 |
| AN75 | Anderson | Bill | 18 Wilcox | Glander Bay | FL | 31044 |
| BL72 | Blake | Mary | 2672 Commodore | Bowton | FL | 31313 |
| EL25 | Elend | Sandy and Bill | 462 Riverside | Rivard | FL | 31062 |
| FE82 | Feenstra | Daniel | 7822 Coventry | Kaleva | FL | 32521 |
| JU92 | Juarez | Maria | 8922 Oak | Rivard | FL | 31062 |
| KE22 | Kelly | Alyssa | 5271 Waters | Bowton | FL | 31313 |
| NO27 | Norton | Peter | 2811 Lakewood | Lewiston | FL | 32765 |
| SM72 | Smeltz | Becky and Dave | 922 Garland | Glander Bay | FL | 31044 |
| TR72 | Trent | Ashton | 922 Crest | Bay Shores | FL | 30992 |

# Marina\_Slip:

SHOW COLUMNS FROM MARINA\_SLIP;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| SLIP\_ID | decimal(4,0) | NO | PRI | NULL |  |
| MARINA\_NUM | char(4) | YES |  | NULL |  |
| SLIP\_NUM | char(4) | YES |  | NULL |  |
| LENGTH | decimal(4,0) | YES |  | NULL |  |
| RENTAL\_FEE | decimal(8,2) | YES |  | NULL |  |
| BOAT\_NAME | char(50) | YES |  | NULL |  |
| BOAT\_TYPE | char(50) | YES |  | NULL |  |
| OWNER\_NUM | char(4) | YES |  | NULL |  |

SELECT \* FROM MARINA\_SLIP;

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SLIP\_ID | MARINA\_NUM | SLIP\_NUM | LENGTH | RENTAL\_FEE | BOAT\_NAME | BOAT\_TYPE | OWNER\_NUM |
| 1 | 1 | A1 | 40 | 3800.00 | Anderson II | Sprite 4000 | AN75 |
| 2 | 1 | A2 | 40 | 3800.00 | Our Toy | Ray 4025 | EL25 |
| 3 | 1 | A3 | 40 | 3600.00 | Escape | Sprite 4000 | KE22 |
| 4 | 1 | B1 | 30 | 2400.00 | Gypsy | Dolphin 28 | JU92 |
| 5 | 1 | B2 | 30 | 2600.00 | Anderson III | Sprite 3000 | AN75 |
| 6 | 2 | 1 | 25 | 1800.00 | Bravo | Dolphin 25 | AD57 |
| 7 | 2 | 2 | 25 | 1800.00 | Chinook | Dolphin 22 | FE82 |
| 8 | 2 | 3 | 25 | 2000.00 | Listy | Dolphin 25 | SM72 |
| 9 | 2 | 4 | 30 | 2500.00 | Mermaid | Dolphin 28 | BL72 |
| 10 | 2 | 5 | 40 | 4200.00 | Axxon II | Dolphin 40 | NO27 |
| 11 | 2 | 6 | 40 | 4200.00 | Karven | Ray 4025 | TR72 |