Class: COMP 3090 - Database I

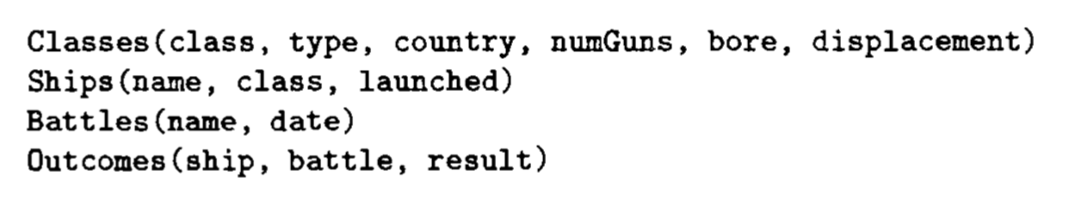
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**HOMEWORK #3**

**Exercise 2.4.3:**



**a) Give the class names and countries of the classes that carried guns of at least 16-inch bore**

Result of the query:

|  |  |
| --- | --- |
| class | country |
| Iowa | USA |
| North Carolina | USA |
| Yamato | Japan |

**b)** **Find the ships launched prior to 1921**

Result of the query:

|  |
| --- |
| name |
| Haruna |
| Hiei |
| Kirishima |
| Kongo |
| Ramillies |
| Renown |
| Repulse |
| Resolution |
| Revenge |
| Royal Oak |
| Royal Sovereign |
| Tennessee |

**c) Find the ships sunk in the battle of the Denmark Strait**

Result of the query:

|  |
| --- |
| ship |
| Bismarck |
| Hood |

**d) The treaty of Washington in 1921 prohibited capital ships heavier than 35,000 tons. List the ships that violated the treaty of Washington**

Result of the query:

|  |
| --- |
| name |
| Iowa |
| Missouri |
| Musashi |
| New Jersey |
| North Carolina |
| Washington |
| Wisconsin |
| Yamato |

**e)** **List the name, displacement, and number of guns of the ships engaged in the battle of Guadalcanal**

Result of the query:

|  |  |  |
| --- | --- | --- |
| name | displacement | numGuns |
| Kirishima | 32000 | 8 |
| South Dakota |  |  |
| Washington | 37000 | 9 |

**f) List all the capital ships mentioned in the database**

Result of the query:

|  |
| --- |
| capitalShip |
| Arizona |
| Bismarck |
| California |
| Duke of York |
| Fuso |
| Hood |
| King George V |
| Kirishima |
| Prince of Wales |
| Rodney |
| Scharnhorst |
| South Dakota |
| Tennessee |
| Washington |
| West Virginia |
| Yamashiro |
| California |
| Haruna |
| Hiei |
| Iowa |
| Kirishima |
| Kongo |
| Missouri |
| Musashi |
| New Jersey |
| North Carolina |
| Ramillies |
| Renown |
| Repulse |
| Resolution |
| Revenge |
| Royal Oak |
| Royal Sovereign |
| Tennessee |
| Washington |
| Wisconsin |
| Yamato |

**g)** **Find the classes that had only one ship as a member of that class**

Result of the query:

|  |
| --- |
| class |
| Bismarck |

**h) Find those countries that had both battleships and battlecruisers**

Result of the query:

|  |
| --- |
| country |
| Japan |
| Gt. Britain |

**i)** **Find those ships that “lived to fight another day”; they were damaged in one battle, but later fought in another**

Result of the query:

|  |
| --- |
| ship |
| Prince of Wales |
| South Dakota |