



SQL language

Queries in SQL

Exercise n. 1

MAGAZINE (MId, MName, Publisher)

ARTICLE (AId, Title, Topic, MId)

- Find the names of the magazines that have never published any article about motorcycles

Set of data to be excluded: Set of magazines that published at least an article on Motorcycle topic

Exercise n. 2

MAGAZINE (MId, MName, Publisher)
ARTICLE (AId, Title, Topic, MId)

- Find the names of the magazines that have only ever published articles about motorcycles

Set to be excluded: Magazines with at least an article on a topic different than Motorcycle

Exercise n. 3

MAGAZINE (MId, MName, Publisher)

ARTICLE (AId, Title, Topic, MId)

- Find the names of the magazines that publish both articles about motorcycles and articles about cars.

Exercise n. 4

SAILOR (SId, SName, Expertise, DateofBirth)

BOOKING (SId, BId, Date)

BOAT(Bid, BName, Color)

- ⇒ Find the codes of the sailors who have never booked a red boat
Set to be excluded: set of sailors who booked a red boat

Exercise n. 5

SAILOR (SId, SName, Expertise, DateofBirth)

BOOKING (SId, BId, Date)

BOAT(Bid, BName, Color)

- Find the codes and the names of the sailors who have booked at least a red boat and at least a green boat

Exercise n. 6

AIRCRAFT (AId, AName, MaximumRange)

CERTIFICATE (AId, PId)

PILOT(PId, PName, Salary)

- Find the codes and the names of the pilots who are qualified to fly on at least two aircrafts that can cover distances greater than 5,000 km (MaximumRange \geq 5,000), and who are qualified to fly on a Boeing