



SQL language

Queries in SQL

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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

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

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

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 a red boat and a green boat

Exercise n. 6

AIRCRAFT (AId, AName, MaximumRange)

CERTIFICATE (AId, CId)

PILOT(Pid, PName, Salary)

- Σ 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 ($\text{MaximumRange} \geq 5,000$), and who are qualified to fly on a Boeing