



Politecnico
di Torino



Exercises on SQL language (no.1)

Exercise

MAGAZINE (MID, MName, Publisher)

ARTICLE (AID, Title, Topic, MId)

➤ Find the titles of the articles on motorcycles

Exercise

MAGAZINE (MID, MName, Publisher)

ARTICLE (AID, Title, Topic, MId)

➤ Find the publisher of the magazine with name “DB_Journal”

Exercise

MAGAZINE (MID, MName, Publisher)

ARTICLE (AID, Title, Topic, MId)

- Find the names of the magazines that have published at least one article about motorcycles

Exercise

MAGAZINE (MID, MName, Publisher)

ARTICLE (AID, Title, Topic, MId)

➤ Find the names of the magazines that have published articles about motorcycles or cars

Exercise

STUDENT (SID, SName, City)

TEACHER (TID, TName, Depart)

COURSE (CCode, CName, TID)

EXAM (CCode, SID, Date, Grade)

- For each course show the course name and the name of the teacher in charge of the course

Exercise

STUDENT (SID, SName, City)

TEACHER (TID, TName, Depart)

COURSE (CCode, CName, TID)

EXAM (CCode, SID, Date, Grade)

- For each teacher working in the computer science department, show the name of the teacher and the name of the courses he/she is responsible for

Exercise

STUDENT (SID, SName, City)

TEACHER (TID, TName, Depart)

COURSE (CCode, CName, TID)

EXAM (CCode, SID, Date, Grade)

- For each student, show the name of the student and the name of each course for which the student passed the exam with a grade equal to 18

Exercise

SAILOR (SID, SName, Expertise, DateofBirth)

BOAT(BID, BName, Color)

BOOKING (SID, BID, Date)

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

Exercise

SAILOR (SID, SName, Expertise, DateofBirth)

BOAT(BID, BName, Color)

BOOKING (SID, BID, Date)

- Find the codes and the names of the sailors born after 1970 and expertise Skipper who have booked a red boat or a green boat

Exercise

PILOT(PID, PName, Salary)

AIRCRAFT (AID, AName, MaximumRange)

CERTIFICATE (AID, PID)

- Find the codes and the names of the pilots who are qualified to fly on an aircraft that can cover distances greater than 5,000 km (MaximumRange \geq 5,000)

Esercizio

COURSE (CourseCode, CourseName, Year, Semester)

COURSE-SCHEDULE (CourseCode, DayOfWeek, StartTime, EndTime, Room)

➤ Find the rooms where the first-year courses were held on Monday from 10:00 to 14:00

Exercise

FLAT (FCode, Address, City, Surface)

LEASING-CONTRACT (LCCode, StartDate, EndDate, PersonName, MonthlyPrice, FCode)

- Find the codes and the addresses of flats in Turin whose monthly leasing price is greater than 500 Euro

Exercise

ATHLETE (ACode, AName, ASurname, TeamName, Country)

ATTENDANCE (CCode, ACode, Position)

COMPETITION (CCode, CName, CType, Category)

- Show the code and the name of the athletes who attended at least one Super G competitions (CType = 'Super G').

Exercise

SPECIALIST-VISIT (VCode, Vtype)

DOCTOR (DCode, Dname)

PATIENT (SSN, PName, BirthDate, MedicalInsurance)

BOOKING (Date, Time, DCode, Room, VCode, SSN)

- Show the SSN and name of patients with medical insurance 'BestIns' who have booked at least one cardiological examination.