

CS352 Database Systems: Example Queries

Example Queries against Simple Library Database

What is the name of the borrower whose borrower id are 12345?

List the names of all borrowers.

What is the title of the book whose call number is QA76.093?

List the titles of all books that are currently checked out.

List the names of all borrowers having one or more books overdue.

List the names of all employees who earn more than their supervisor.

List the names of all people connected with the library - whether borrowers, employees, or both.

List the names of all borrowers who are not employees.

List all books needed as course reserves that are currently checked out to someone.

List the names of employees together with their supervisor's name.

List the call numbers of all overdue books, together with the number of days they are overdue.

What is the average salary of all employees?

Print a list of borrower ids and the number of books each has out.

List the titles of all books, together with the borrower id of the person (if any) who has the book out.