CHALLENGE Gradebook

CREATE TABLE books (

id INTEGER PRIMARY KEY AUTOINCREMENT,

author TEXT,

title TEXT,

words INTEGER);

INSERT INTO books (author, title, words)

VALUES ("J.K. Rowling", "Harry Potter and the Philosopher's Stone", 79944);

INSERT INTO books (author, title, words)

VALUES ("J.K. Rowling", "Harry Potter and the Chamber of Secrets", 85141);

INSERT INTO books (author, title, words)

VALUES ("J.K. Rowling", "Harry Potter and the Prisoner of Azkaban", 107253);

INSERT INTO books (author, title, words)

VALUES ("J.K. Rowling", "Harry Potter and the Goblet of Fire", 190637);

INSERT INTO books (author, title, words)

VALUES ("J.K. Rowling", "Harry Potter and the Order of the Phoenix", 257045);

INSERT INTO books (author, title, words)

VALUES ("J.K. Rowling", "Harry Potter and the Half-Blood Prince", 168923);

INSERT INTO books (author, title, words)

VALUES ("J.K. Rowling", "Harry Potter and the Deathly Hallows", 197651);

INSERT INTO books (author, title, words)

VALUES ("Stephenie Meyer", "Twilight", 118501);

INSERT INTO books (author, title, words)

VALUES ("Stephenie Meyer", "New Moon", 132807);

INSERT INTO books (author, title, words)

VALUES ("Stephenie Meyer", "Eclipse", 147930);

INSERT INTO books (author, title, words)

VALUES ("Stephenie Meyer", "Breaking Dawn", 192196);

INSERT INTO books (author, title, words)

VALUES ("J.R.R. Tolkien", "The Hobbit", 95022);

INSERT INTO books (author, title, words)

VALUES ("J.R.R. Tolkien", "Fellowship of the Ring", 177227);

INSERT INTO books (author, title, words)

VALUES ("J.R.R. Tolkien", "Two Towers", 143436);

INSERT INTO books (author, title, words)

VALUES ("J.R.R. Tolkien", "Return of the King", 134462);

SELECT author, SUM(words) AS total\_words

FROM books GROUP BY author

HAVING total\_words > 1000000;

SELECT author, AVG(words) AS avg\_words

FROM books

GROUP BY author

HAVING avg\_words >150000;