

.BOOK(BOOKID,TITLE,PAGES,PRICE)

AUTHOR(AUTHORID,AUTHOR_NAME,ADDRESS,BOOKID)

STUDENT_CARD(ROLLNO,BRANCH,AGE,BOOKID,AUTHORID)

Give SQL Expressions for the following-

1. Find details of author who wrote the book which has max. no. of pages.
2. Find the details of students who did not take 'OS' book.
3. Find the average age of students in a specified branch.
4. Find the details of students who took the books of authors in 'Chennai'.

Answers

1.select author.authorid,author_name,address,book.bookid,pages from author,book where author.bookid=book.bookid and pages=(select max(pages)from book);

2.select rollno,age,branch from student_card,book where student_card.bookid=book.bookid and title!='OS';

3.select branch.avg(age)from student_card group by branch;

4. select rollno,age,branch from student_card,author where student_card.authorid =author.authorid= and address='Chennai';