

The University of British Columbia
Computer Science 304

Midterm Examination
March 17, 2010

Time: 50 minutes

Total marks: 30

Instructor: Rachel Pottinger

Name _____ Student No _____
(PRINT) (Last) (First)

Signature _____

This examination has 3 doublesided pages.

Check that you have a complete paper.

This is a closed book, closed notes exam. No books or other material may be used.

Answer all the questions on this paper.

Give very **short but precise** answers.

State any assumptions you make

Work fast and do the easy questions first. Leave some time to review your exam at the end.

Good Luck

Question	Mark	Out of
1.a		5
1.b		5
2.a		5
2.b		5
2.c		5
2.d		5
TOTAL		Out of 30

All queries for this exam use the same schema as in the SQL tutorials:

authors(au_id, au_lname, au_fname, phone, address, city, state, zip)

titleauthors(au_id, title_id, au_ord, royaltyshare)

sales(sonum, stor_id, ponum, sdate)

salesdetails(sonum, qty_ordered, qty_shipped, title_id, date_shipped)

editors (ed_id, ed_lname, ed_fname, ed_pos, phone, address, city, state, zip, ed_boss)

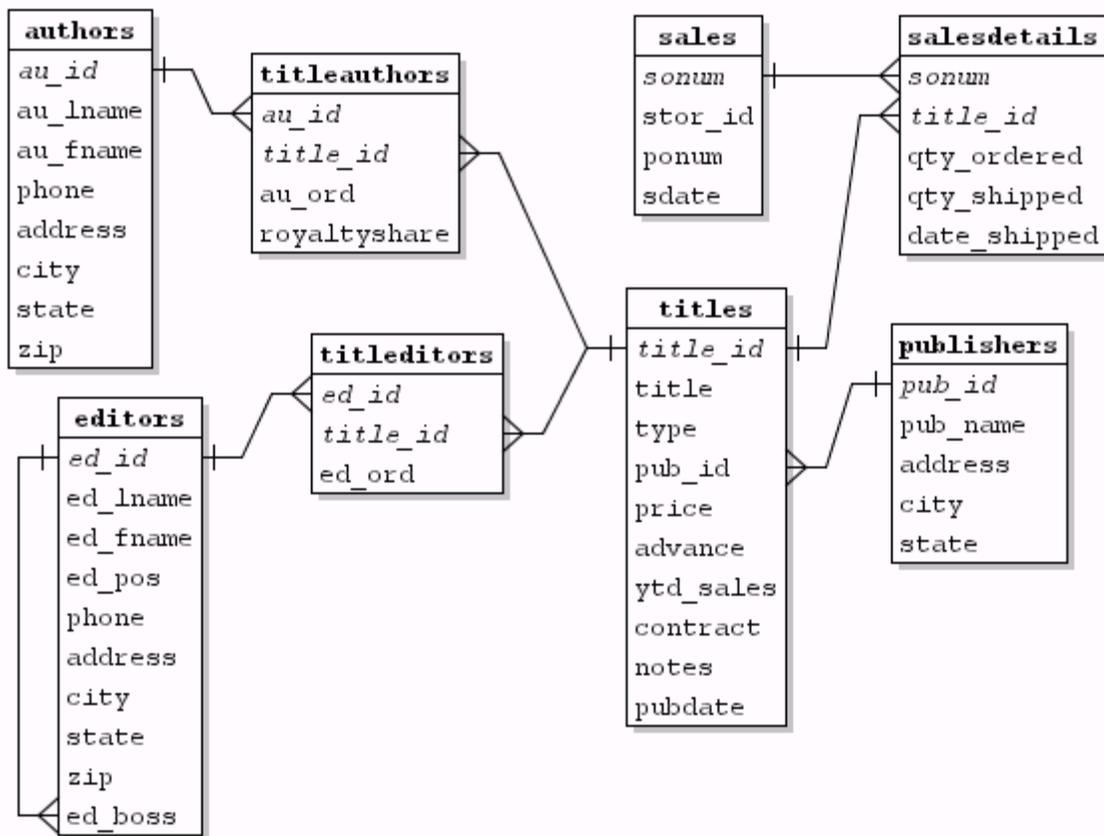
titleeditors(ed_id, title_id, ed_ord)

titles(title_id, title, type, pub_id, price, advance, ytd_sales, contract, notes, pubdate)

publishers(pub_id, pub_name, address, city, state)

The schema will be repeated on following pages for easy reference

Foreign Keys are shown in the following diagram, where the referring attribute is marked by a + and the referencing attribute is marked by a \leftarrow (e.g., au_id in titleauthors references au_id in authors)



The schema again:

authors(au_id, au_lname, au_fname, phone, address, city, state, zip)

titleauthors(au_id, title_id, au_ord, royaltyshare)

sales(sonum, stor_id, ponum, sdate)

salesdetails(sonum, qty_ordered, qty_shipped, title_id, date_shipped)

editors (ed_id, ed_lname, ed_fname, ed_pos, phone, address, city, state, zip)

titleeditors(ed_id, title_id, ed_ord)

titles(title_id, title, type, pub_id, price, advance, ytd_sales, contract, notes,
pubdate)

publishers(pub_id, pub_name, address, city, state)

c. How many editors have not edited a book?

d. Find the names of all publishers who have had more than 200 books ordered (**note that a publisher may publish more than one book**)

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