# Joins Revision

1. Display the names, cities and advances of each author where the advance field is null

SELECT aa.au\_fname"Author’s First Name", aa.au\_lname"Author’s last name", aa.city"City", t.advance"Advance"

FROM Authors aa, TITLE AUTHOR ta, titles t

WHERE aa.au\_id = ta.au\_id AND ta.title\_id = t.title\_id;

1. Display the title of each book along with the name of the publisher

SELECT t.title"titles", p.pub\_name "Publisher’s Name"

FROM titles t, publishers p

WHERE t.pub\_id = p.pub\_id;

1. Display the names of the publisher and the advances they paid

SELECT p.pub\_name"Publisher’s Name", t.advance"Advance"

FROM titles t, publishers p

WHERE t.pub\_id = p.pub\_id AND NOT t.advance IS NULL;

1. Display the title of each book and the royalty paid to the author

SELECT t.title"Titles", r.royalty "Royalty"

FROM titles t, roysched r

WHERE t.title\_id = r.title\_id;

1. Display the names of all publishers who pay 100% in royalties

SELECT p.pub\_name"Publisher’s Name", r.royalty

FROM publishers p, titles t, roysched r

WHERE p.pub\_id = t.pub\_id AND t.title\_id = r.title\_id AND r.royalty IS NULL; \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1. For each store display the books it sells

SELECT DISTINCT t.title"Titles", s.stor\_name"Store Name"

FROM stores s, discounts d, salesdetails sa, titles t

WHERE s.stor\_id = d.stor\_id AND d.stor\_id = sa.stor\_id AND sa.title\_id = t.title\_ID;

1. Display the price of the expensive book from each publisher

SELECT t.price"Price", p.pub\_name"Publisher’s Name"

FROM titles t, publishers p

WHERE t.pub\_id = p.pub\_id AND price > (SELECT MIN(price) FROM titles);

1. Display the title of each book and the number of copies sold

SELECT title "Titles", total\_sales"Total Sales"

FROM titles; \*\*\*\*\*\*\*\*\*\*\*

1. Display the names of the stores and the quantity of each book sold

SELECT DISTINCT s.stor\_name"Store Name",t.title"Titles", sa.qty"Quantity"

FROM stores s, discounts d, salesdetails sa, titles t

WHERE s.stor\_id = d.stor\_id AND d.stor\_id = sa.stor\_id AND sa.title\_id = t.title\_ID; \*\*\*\*\*\*\*\*\*\*

1. Display city where each book was published

SELECT t.title"Titles", p.city"City"

FROM publishers p, titles t

WHERE p.pub\_id = t.pub\_id;