Assignment 11

1. Write a query that uses a subquery to obtain all orders for the customer named Cisneros. Assume you do not know his customer number (cnum).

select onum from orders where cnum=(select cnum from customers where

cname='cisneros');

+------+

| onum |

+------+

| 3001 |

| 3006 |

+------+

2 rows in set (0.00 sec)

1. select cname from customers where rating <(select avg(rating) from cu

stomers);

+---------+

| cname |

+---------+

| Hoffman |

| Clemens |

| Persia |

+---------+

1. rows in set (0.00 sec)
2. Write a query that calculates the amount of the salesperson’s commission on each order by a customer with a rating above 100.

select customers.cname , orders.onum , salespeople.comm

-> , (orders.amt \* salespeople.comm) from salespeople , orders ,

->

-> customers where orders.snum=salespeople.snum and

-> orders.cnum=customers.cnum and customers.rating>100;

+----------+------+------+---------------------------------+

| cname | onum | comm | (orders.amt \* salespeople.comm) |

+----------+------+------+---------------------------------+

| Grass | 3010 | 0.13 | 170.29 |

| Grass | 3007 | 0.13 | 9.85 |

| Liu | 3005 | 0.13 | 670.86 |

| Cisneros | 3006 | 0.15 | 164.72 |

| Cisneros | 3001 | 0.15 | 2.80 |

| Giovanni | 3009 | 0.10 | 171.32 |

+----------+------+------+---------------------------------+

6 rows in set (0.00 sec)