Enterprise Application Development

Question One Part One:

```
10:23:09 connect(katie@pgguide); useCount: 2
10:23:09 SELECT "email","details" FROM "users" WHERE TRUE ORDER BY "id"
10:23:09 disconnect(katie@pgguide)
[ { email: 'Earlean.Bonacci@yahoo.com', details: null },
  { email: 'Evelyn.Patnode@gmail.com', details: '"sex"=>"M"' },
  { email: 'Derek.Crenshaw@gmail.com', details: '"sex"=>"F"' },
  { email: 'Shari.Julian@yahoo.com', details: '"sex"=>"M"' },
  { email: 'Zita.Breeding@gmail.com', details: null },
  { email: 'Samatha.Hedgpeth@yahoo.com', details: '"sex"=>"F"' },
  { email: 'Quinton.Gilpatrick@yahoo.com', details: '"sex"=>"M"' },
  { email: 'Vivian.Westmoreland@yahoo.com',
    details: '"sex"=>"F", "state"=>"South Carolina"' },
  { email: 'Danny.Crays@gmail.com', details: '"sex"=>"M"' },
  { email: 'Edmund.Roles@yahoo.com',
    details: '"sex"=>"F", "state"=>"New York"' },
  { email: 'Shanell.Lichtenstein@aol.com', details: '"sex"=>"M"' },
  { email: 'Romaine.Birdsell@aol.com', details: '"sex"=>"F"' },
  { email: 'Zita.Luman@yahoo.com', details: null },
  { email: 'Claud.Cousineau@gmail.com', details: '"sex"=>"F"' },
  { email: 'Kali.Damore@yahoo.com', details: '"sex"=>"F"' },
  { email: 'Graciela.Kubala@yahoo.com', details: '"sex"=>"F"' },
```

Question One Part Two:

```
10:21:27 connect(katie@pgguide); useCount: 2
10:21:27 SELECT "email","details" FROM "users" WHERE "id" = 3 ORDER BY "id"
10:21:27 disconnect(katie@pgguide)
[ { email: 'Derek.Crenshaw@gmail.com', details: '"sex"=>"F"' } ]
```

Question One Part Three:

```
10:35:03 connect(katie@pgguide); useCount: 2
10:35:03 SELECT "title","price" FROM "products" WHERE TRUE ORDER BY "price" ASC
10:35:03 disconnect(katie@pgguide)
[ { title: 'Coloring Book', price: '5.99' },
  { title: 'Baby Book', price: '7.99' },
  { title: 'Dictionary', price: '9.99' },
  { title: 'Classical CD', price: '9.99' },
  { title: 'Holiday CD', price: '9.99' },
  { title: 'Country CD', price: '9.99' },
  { title: 'Pop CD', price: '9.99' },
  { title: 'Electronic CD', price: '9.99' },
  { title: 'Documentary', price: '14.99' },
  { title: 'Drama', price: '14.99' },
  { title: 'Action', price: '14.99' },
  { title: 'Comedy Movie', price: '14.99' },
  { title: 'Romantic', price: '14.99' },
  { title: 'Ruby Book', price: '27.99' },
  { title: 'Python Book', price: '29.99' },
  { title: 'MP3 Player', price: '108.00' },
  { title: '42" LCD TV', price: '499.00' },
  { title: 'Desktop Computer', price: '499.99' },
  { title: '42" Plasma TV', price: '529.00' },
  { title: 'Laptop Computer', price: '899.99' } ]
davids-iphone:EAD katie$
```

Question One Part Four:

```
10:36:14 connect(katie@pgguide); useCount: 2
10:36:14 SELECT "title","price" FROM "products" WHERE "id" = 4 ORDER BY "price" ASC
10:36:14 disconnect(katie@pgguide)
[ { title: 'Baby Book', price: '7.99' } ]
```

Question One Part Five:

```
10:53:34 connect(katie@pgguide); useCount: 1
10:53:34 select purchase_items.price, purchase_items.quantity, purchase_items.state, purchases.name AS RECEIVER_NAME, purchases.address AS RECEIVER_ADDRESS, users.email AS PURCHASERS_EMAIL fro
m purchase_items INNER JOIN PURCHASES ON (purchase_items.purchase_id=purchases.id) INNER JOIN USERS ON (purchases.user_id=users.id) ORDER BY price DESC
10:53:34 disconnect(katie@pgguide)
[ { price: '899.99',
    quantity: 1,
    state: 'Delivered',
    receiver_name: 'Letitia Levron',
    receiver_address: '5590 50th Ave.',
    purchasers_email: 'Stacia.Schrack@aol.com' },
  { price: '899.99',
    quantity: 1,
    state: 'Delivered',
    receiver_name: 'Becky Roff',
    receiver_address: '9103 46th Ave.',
    purchasers_email: 'Eleanor.Patnode@yahoo.com' },
  { price: '899.99',
    quantity: 4,
    state: 'Delivered',
    receiver_name: 'Alfonzo Bodkin',
```