Midterm, NAME: _____

1. SQL stands for: _____
2. DDL stands for: _____
3. DML stands for: _____
4. Write code to construct a table Person, with personid, firstname, lastname, and dob columns.

5. Write code to construct a table Email, with personid, email, and tag (`personal', `work', etc.) columns.

6. Write SQL to add ``John Doe'' with personal email jdoe@asdf.com to the database.

7. Write SQL to add work email jdoe@somecorp.com to John Doe.

8. Write SQL to find everyone who is older than 18 years old.

9. Write SQL to find personal emails of everyone who is older than 18 years old.

10. Find shared emails (when more than 1 person has the same email address).

11. Write code to re-tag shared email addresses as `shared'.

12. Find everyone who has more than a dozen different emails.

13. Find average age of everyone in the database.

14. Find everyone who shares a birthday with anyone else in the database.

15. Find everyone who doesn't have a personal email.

16. Find average age of people with @aol.com email addresses.

17. Find everyone who is twice as old as the average age.

18. Find average number of emails per person.

19. Detect and remove duplicate email entries. If same email shows up under different tags, give preference to work, shared, personal (in that order).

20. Find folks without any emails, and remove them from the database.