**SELECT 'Hello, world'**;

**SELECT** 5\*8;

*-- dump a whole table*

**SELECT** *\**

**FROM** person;

*-- relational 'project' - filter columns*

**SELECT** pers\_name

**FROM** person;

*-- relational 'select' - filter rows*

**SELECT** *\**

**FROM** person

**WHERE** pers\_name = **'A'**;

*-- put them together!*

**SELECT** pers\_birthdate

**FROM** person

**WHERE** pers\_name = **'A'**;

*-- rename columns*

*-- put them together!*

**SELECT** pers\_birthdate **AS** birthdate

**FROM** person

**WHERE** pers\_name = **'A'**;

*-- functions, lots of functions*

*-- all people born before 1980*

**SELECT** pers\_name **AS name**, pers\_birthdate **AS** birthdate

**FROM** person

**WHERE** pers\_birthdate < **'1980-01-01'**;

*-- using a function*

**SELECT** pers\_name **AS name**,

pers\_birthdate **AS** birthdate,

*-- each of these can be considered a derived attribute*

*EXTRACT*(**YEAR FROM** pers\_birthdate) **year**,

*EXTRACT*(**MONTH FROM** pers\_birthdate) **month**,

*EXTRACT*(**DAY FROM** pers\_birthdate) **day**,

*DATE\_FORMAT*(pers\_birthdate, **'%b %d'**) **AS** bday

**FROM** person

**WHERE** *EXTRACT*(**YEAR FROM** pers\_birthdate) < 1980;

*-- Let's play with extract*

**SELECT** *EXTRACT*(**YEAR FROM '2017-01-02'**);

**SELECT** *EXTRACT*(**YEAR FROM 'splintercat'**);

**SELECT** *EXTRACT*(**YEAR FROM '2/5/2018'**);

**SELECT** *EXTRACT*(**YEAR FROM '02/05/2018'**);

*-- Parsing US localized dates*

**SELECT** *STR\_TO\_DATE*(**'2/5/2018'**, **'%m/%d/%Y'**);