Exercise 1 Takaaki Fujimoto

・Add a primary key to the id fields in the pets and people tables.

ALTER TABLE pets

ADD PRIMARY KEY (id);

ALTER TABLE people

ADD PRIMARY KEY (id);

・Add a foreign key to the owner\_id field in the pets table referenceing the id field in the people table.

ALTER TABLE pets

ADD PRIMARY KEY (owner\_id);

ALTER TABLE people

ADD FOREIGN KEY (id)

REFERENCES pets (owner\_id);

・Add a column named email to the people table.

ALTER TABLE people

ADD COLUMN email VARCHAR(20);

・Add a unique constraint to the email column in the people table.

ALTER TABLE people

ADD CONSTRAINT unique UNIQUE (email);

・Rename the name column in the pets table to ‘first name’.

ALTER TABLE pets RENAME column name to first name

・Change the postcode data type to CHAR(7) in the addresses table.

ALTER TABLE addresses MODIFY postcode data CHAR(7);