// install maria-db

yum install mariadb-server

sudo systemctl start mariadb // start mariadb

sudo systemctl enable mariadb // launch at boot

sudo systemctl status mariadb // check status

mysql // start

create database robbingHood; // create database

use robbingHood; // use this database

// create organisation table

create table organisation(

dept\_id CHAR(5) NOT NULL UNIQUE,

code VARCHAR(10) NOT NULL,

description VARCHAR(50) NOT NULL,

PRIMARY KEY (dept\_id));

// create employee table

create table employee (

login\_id CHAR(5) NOT NULL UNIQUE,

dept\_id CHAR(5) NOT NULL,

name VARCHAR(50) NOT NULL,

onboarded date NOT NULL,

PRIMARY KEY (login\_id),

FOREIGN KEY (dept\_id) REFERENCES organisation(dept\_id) ON UPDATE RESTRICT ON DELETE CASCADE);

create user 'admin'@localhost identified by ‘pinkEleph@nt!'; // create a user

grant all privileges on robbingHood.\* TO 'admin'@'%' identified by ‘pinkEleph@nt!’; // grant all privileges

revoke index,create,alter,drop on robbingHood.\* from ‘admin’@'%'; // revoke unnecessary privileges

revoke REFERENCES, CREATE TEMPORARY TABLES, LOCK TABLES, EXECUTE, CREATE VIEW, SHOW VIEW, CREATE ROUTINE, ALTER ROUTINE, EVENT, TRIGGER on robbingHood.\* from ‘admin’@'%'; // revoke unnecessary privileges

// admin account now has permission for SELECT, INSERT, UPDATE AND DELETE



