```
Task 1:
CREATE TABLE `cars` (
 'car_id' int(11) AUTO_INCREMENT PRIMARY KEY,
 'make' varchar(25) NOT NULL,
 'model' varchar(40) NOT NULL,
 'price' float NOT NULL,
 'yom' int(11) NOT NULL
 \ensuremath{\checkmark\!\!\!\!/} \mbox{MySQL returned an empty result set (i.e. zero rows). (Query took 0.0026 seconds.)}
 CREATE TABLE 'cars' ( 'car_id' int(11) AUTO_INCREMENT PRIMARY KEY, 'make' varchar(25) NOT NULL, 'model' varchar(40) NOT NULL, 'price' float NOT NULL, 'yom' int(11) NOT NULL
INSERT INTO 'cars' ('make', 'model', 'price', 'yom') VALUES
('Holden', 'Astra', 14000, 2005),
('BMW', 'X3', 35000, 2004),
('Ford', 'Falcon', 39000, 2011),
('Toyota', 'Corolla', 20000, 2012),
('Holden', 'Commodore', 13500, 2005),
('Holden', 'Astra', 8000, 2001),
('Holden', 'Commodore', 28000, 2009),
('Ford', 'Falcon', 14000, 2007),
('Ford', 'Falcon', 7000, 2003),
('Ford', 'Laser', 10000, 2010),
('Mazda', 'RX-7', 26000, 2000),
('Toyota', 'Corolla', 12000, 2001),
('Mazda', '3', 14500, 2009);
```

```
1 INSERT INTO `cars` (`make`, `model`, `price`, `yom`) VALUES

2 ('Holden', 'Astra', 14000, 2005),

3 ('BMW', 'X3', 35000, 2004),

4 ('Ford', 'Falcon', 39000, 2011),

5 ('Toyota', 'Corolla', 20000, 2012),

6 ('Holden', 'Commodore', 13500, 2005),

7 ('Holden', 'Astra', 8000, 2001),

8 ('Holden', 'Commodore', 28000, 2009),

9 ('Ford', 'Falcon', 14000, 2007),

10 ('Ford', 'Falcon', 7000, 2003),

11 ('Ford', 'Laser', 10000, 2010),

12 ('Mazda', 'RX-7', 26000, 2000),

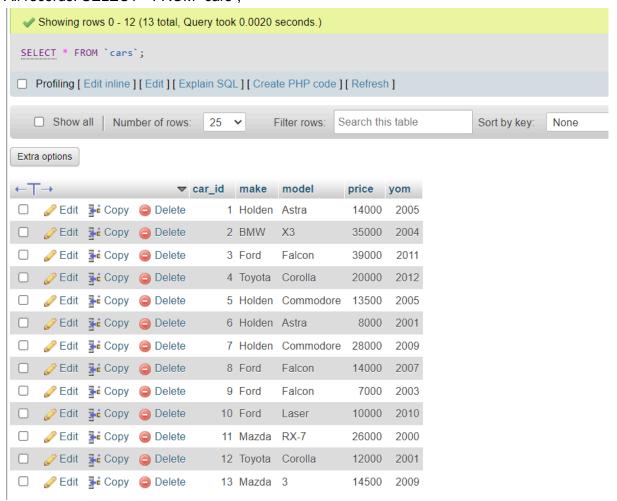
13 ('Toyota', 'Corolla', 12000, 2001),

14 ('Mazda', '3', 14500, 2009);
```

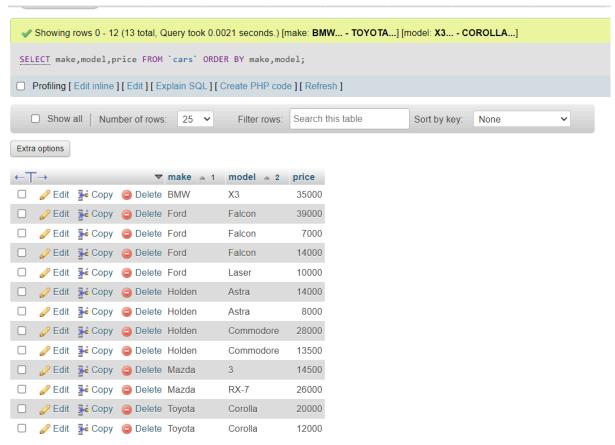
$\leftarrow T$	→		\forall	car_id	make	model	price	yom
		≩ Copy	Delete	1	Holden	Astra	14000	2005
		≩ Copy	Delete	2	BMW	X3	35000	2004
		≩ Copy	Delete	3	Ford	Falcon	39000	2011
	<i> ⊗</i> Edit	≩ Copy	Delete	4	Toyota	Corolla	20000	2012
	<i> </i>	≩ Copy	Delete	5	Holden	Commodore	13500	2005
		≩ Copy	Delete	6	Holden	Astra	8000	2001
	<i> </i>	≩ Copy	Delete	7	Holden	Commodore	28000	2009
	<i> ⊗</i> Edit	≩ Copy	Delete	8	Ford	Falcon	14000	2007
	<i></i> €dit	≩ Copy	Delete	9	Ford	Falcon	7000	2003
	<i> ⊗</i> Edit	≩ Copy	Delete	10	Ford	Laser	10000	2010
	<i></i> € Edit	≩ Copy	Delete	11	Mazda	RX-7	26000	2000
	<i> ⊗</i> Edit	≩ Copy	Delete	12	Toyota	Corolla	12000	2001
	<i></i> €dit	≩ Сору	Delete	13	Mazda	3	14500	2009

Task 2:

All records: SELECT * FROM `cars`;



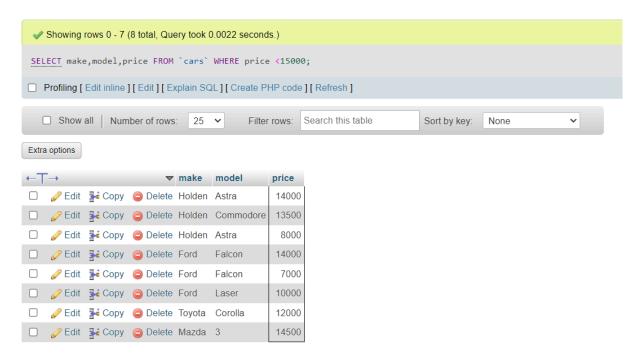
Make, model, and price, sorted by make and model: SELECT make,model,price FROM `cars` ORDER BY make,model;



The make and model of the cars which cost \$20,000.00 or more. : SELECT make,model,price FROM `cars` WHERE price >= 20000;



The make and model of the cars which cost below \$15,000.00. : SELECT make,model,price FROM `cars` WHERE price <15000;



The average price of cars for similar make. : SELECT make, AVG(price) as averagePrice FROM cars GROUP BY make;

