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OSU CS 340

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Assignment 3

1. Select the make\_name and model\_name of all vehicles which have a first production year of 1976

**2.** Select the make\_name and model\_name of all vehicles with the color name Blue

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**3.** Select the make\_name, model\_name and incentive amount for all vehicles with a dealer type incentive

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**4.** Convert the following query to relational algebra

SELECT Player.id, Team.name, City.name

FROM Player

INNER JOIN Team

ON Player.team\_id = Team.id

INNER JOIN City

ON Team.city\_id = City.id

WHERE Player.score = 100;

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**5.**  For problem 3 above, convert your relational algebra query into a SQL query.

SELECT Make.make\_name, Model.model\_name, Incentive.amount

FROM Model

INNER JOIN Vehicle

ON Vehicle.fk\_model\_id = Model.model\_id

INNER JOIN Make

ON Vehicle.fk\_make\_id = Make.make\_id

INNER JOIN Vehicle\_Incentive

ON Vehicle\_Incentive.fk\_vehicle\_id = Vehicle.vehicle\_id

INNER JOIN Incentive

ON Incentive.incentive\_id = Vehicle\_Incentive.fk\_incentive\_id

WHERE Incentive.type = ‘Dealer’