

1)  $\pi_{\text{Make.make\_name}, \text{Model.model\_name}}(\sigma_{\text{model.first\_production\_year}=1976}((\text{Model} \bowtie_{\text{Model.model\_id}=\text{Vehicle.fk\_model\_id}} \text{Vehicle}) \bowtie_{\text{Vehicle.fk\_make\_id}=\text{Make.make\_id}} \text{Make}))$

2)  $\pi_{\text{Make.make\_name}, \text{Model.model\_name}}(\sigma_{\text{Color.name}=\text{"Blue"}}(\text{Make} \bowtie_{\text{Make.make\_id}=\text{Vehicle.fk\_make\_id}} (\text{Model} \bowtie_{\text{Model.model\_id}=\text{Vehicle.fk\_model\_id}} ((\text{Vehicle} \bowtie_{\text{Vehicle.vehicle\_id}=\text{Inventory.fk\_vehicle\_id}} \text{Inventory}) \bowtie_{\text{Inventory.fk\_color\_id}=\text{Color.id}} \text{Color}))))$

3)  $\pi_{\text{Make.make\_name}, \text{Model.model\_name}, \text{Incentive.amount}}(\sigma_{\text{Incentive.type}=\text{"dealer"}}(\text{Make} \bowtie_{\text{Make.make\_id}=\text{Vehicle.fk\_make\_id}} (\text{Model} \bowtie_{\text{Model.model\_id}=\text{Vehicle.fk\_model\_id}} (\text{Vehicle} \bowtie_{\text{Vehicle.vehicle\_id}=\text{Vehicle\_Incentive.fk\_vehicle\_id}} (\text{Incentive} \bowtie_{\text{Incentive.incentive\_id}=\text{Vehicle\_Incentive.fk\_incentive\_id}} \text{Vehicle\_Incentive}))))))$

4)  $\pi_{\text{Player.id}, \text{Team.name}, \text{City.name}}(\sigma_{\text{Player.score}=100}(\text{City} \bowtie_{\text{Team.city\_id}=\text{City.id}} (\text{Player} \bowtie_{\text{Player.team\_id}} \text{Team})))$

5) SELECT Make.make\_name, Model.model\_name, Incentive.amount FROM Incentive  
 INNER JOIN Vehicle\_Incentive ON Vehicle\_Incentive.fk\_incentive\_id=Incentive.incentive\_id  
 INNER JOIN Vehicle ON Vehicle.vehicle\_id=Vehicle\_Incentive.fk\_vehicle\_id  
 INNER JOIN Model ON Model.model\_id=Vehicle.fk\_model\_id  
 INNER JOIN Make ON Make.make\_id=Vehicle.fk\_make\_id  
 WHERE Incentive.type="dealer"