

1. $\pi_{(\text{mode_name}, \text{make_name})}(\sigma_{(\text{first_production_year}=1976)}((\text{Model} \bowtie_{(\text{model_id} = \text{fk_model_id})} \text{Vehicle}) \bowtie (\text{Make} \bowtie_{(\text{make_id} = \text{fk_make_id})} \text{Vehicle})))$
2. $\pi_{(\text{make_name}, \text{model_name})}(\sigma_{(\text{name} = \text{"blue"})}((\text{Model} \bowtie_{(\text{model_id} = \text{fk_model_id})} \text{Vehicle}) \bowtie (\text{Make} \bowtie_{(\text{make_id} = \text{fk_make_id})} \text{Vehicle}) \bowtie (\text{Inventory} \bowtie_{(\text{fk_vehicle_id} = \text{vehicle_id})} \text{Vehicle}) \bowtie (\text{Color} \bowtie_{(\text{color_id} = \text{fk_color_id})} \text{Inventory})))$
3. $\pi_{(\text{mode_name}, \text{make_name}, \text{amount})}(\sigma_{(\text{type} = \text{"dealer"})}((\text{Model} \bowtie_{(\text{model_id} = \text{fk_model_id})} \text{Vehicle}) \bowtie (\text{Make} \bowtie_{(\text{make_id} = \text{fk_make_id})} \text{Vehicle}) \bowtie (\text{Vehicle_Incentive} \bowtie_{(\text{fk_vehicle_id} = \text{vehicle_id})} \text{Vehicle}) \bowtie (\text{Incentive} \bowtie_{(\text{incentive_id} = \text{fk_incentive_id})} \text{Vehicle_Incentive})))$
4. $\pi_{(\text{Player.id}, \text{Team.name}, \text{City.name})}(\sigma_{(\text{Player.score}=100)}((\text{Player} \bowtie_{(\text{team_id}=\text{id})} \text{Team}) \bowtie (\text{City} \bowtie_{(\text{city_id}=\text{id})})))$
5. 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 Make.make_id = Vehicle.fk_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