

View All Races – Relational Algebra

$Q \leftarrow \pi \text{ RACE.Date, RACE.Name, CAR.Maker, CAR.Model, CAR.Driver, SCOREBOARD.Points } (\text{SCOREBOARD} \bowtie_{\text{CarID} = \text{CarID}} \text{CAR}) \cap (\text{SCOREBOARD} \bowtie_{\text{RaceID} = \text{RaceID}} \text{RACE})$

All Constructors View – Relational Algebra

$Q \leftarrow \pi \text{ CONSTRUCTOR.ConstructorID, CONSTRUCTOR.Name, CONSTRUCTOR.Principal, CONSTRUCTOR.EmailAddress } (\text{CONSTRUCTOR})$

View Top 3 Constructors – Relational Algebra

$Q \leftarrow \pi \text{ CONSTRUCTOR.Name, } \mathfrak{S}_{\text{SUM}(\text{SCOREBOARD.Points})} ((\text{SCOREBOARD} \bowtie_{\text{CarID} = \text{CarID}} \text{CAR}) \cap (\text{CAR} \bowtie_{\text{ConstructorID} = \text{ConstructorID}} \text{CONSTRUCTOR}))$

View Top 3 Drivers – Relational Algebra

$Q \leftarrow \pi \text{ CAR.Driver, CAR.Maker, CAR.Model, CONSTRUCTOR.Name, } \mathfrak{S}_{\text{SUM}(\text{SCOREBOARD.Points})} ((\text{SCOREBOARD} \bowtie_{\text{CarID} = \text{CarID}} \text{CAR}) \cap (\text{CAR} \bowtie_{\text{ConstructorID} = \text{ConstructorID}} \text{CONSTRUCTOR}))$