

PARTE I

I.1	<pre> SELECT DISTINCT IdT, Marca FROM (Modelos NATURAL INNER JOIN Táxis NATURAL INNER JOIN Corridas NATURAL INNER JOIN Motoristas) INNER JOIN Locais ON (PartidaL = IdL) WHERE NomeL = 'Marquês de Pombal' AND DataHR >= TIMESTAMP '2008-10-20 00:00:00' AND DataHR < TIMESTAMP '2008-10-21 00:00:00' </pre>
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I.2	<pre> SELECT IdT, AnoT, MarcaMd FROM Modelos NATURAL INNER JOIN Táxis NATURAL INNER JOIN Proprietários GROUP BY IdT, AnoT, MarcaMd HAVING COUNT(IdM) >= 2 AND MIN(DataP) = MAX(DataP) ORDER BY AnoT DESC, MarcaMd ASC Ou SELECT t.IdT, t.AnoT, m.MarcaMd FROM Modelos m INNER JOIN Táxis t ON (t.IdMd = m.IdMd) INNER JOIN Proprietários p1 ON (p1.IdT = t.IdT) WHERE p1.DataP = ALL (SELECT p2.DataP FROM Proprietários p2 WHERE p1.IdT = p2.IdT) GROUP BY t.IdT, t.AnoT, m.MarcaMd HAVING COUNT(p1.IdM) >= 2 ORDER BY t.AnoT DESC, m.MarcaMd ASC </pre>
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I.3	$_{IdT} \mathcal{G}_{sum(PreçoC)}(corridas \bowtie (\Pi_{IdT, IdM}(corridas) - \Pi_{IdT, IdM}(proprietários)))$
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I.4	$\Pi_{IdM, NomeM} \left(\frac{(motoristas \bowtie corridas)}{\sigma_{PartidaL \neq DestinoL}(\rho_{p(PartidaL)}(\Pi_{IdL}(locais)) \times \rho_{p(DestinoL)}(\Pi_{IdL}(locais)))} \right)$
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PARTE II

Modelo	II.1	II.2	II.3	II.4	II.5	II.6	II.7	II.8	II.9	II.10
adbadca	A	Q	J	W	C	E	M	T	Y	C
bdbadca	C	P	L	X	B	H	L	M	S	B
cdbadca	E	T	D	E	J	V	T	H	P	I
dbcadca	G	N	F	R	U	D	S	A	U	F