

ICT285 Databases - Semester 2 2022 - Assignment 1 Feedback

Student: Passang Tshering 34120824

Question	Feedback	
Question 1:	e. Select operator is Unary. Given that the select is operated on the same attribute, AND cannot be	e
Relational algebra	used. INTERSECT should have been employed instead.	
(20 marks)	h. Requires use of AND.	
	i. Requires use of MINUS.	
	j. Incomplete.	
	Should employ parentheses when making more than two joins.	
	Mark:	10
Question 2:	a. This query returned 27 rows. Requires COUNT on TITLE.	
SQL SELECT queries	b. Should use LIKE with wildcard % as two rows should have returned.	
(20 marks)	d. 't' was never declared (i.e. dtoohey.trans T) so the query errors.	
	e. OK, though 'where datedeceased is not null' would have been better.	
	h. Horiuchi with a TotalSold of 2 is a wrong result. Mark Tobey had 7.	
	i. Incomplete.	
	I've assumed that i statement is for question j.	
	Mark:	12
Question 3:	b. A VARCHAR2 of 2000 is overkill. HomeTeamID and AwayTeamID should be FKs that refere	
Further SQL	TeamID. Missing constraint for win, lose or draw result. MatchDate should be type Date.	
(15 marks)	c. This constraint should have been part of the create table in B. There is no constraint on scores being between 0 and 999 (inclusive).	
	Mark:	10
Question 4:	No mention of PK/FK attribute assignment in the new design to inhibit violations of referential	
Normalisation	integrity.	
(20 marks)		
(_0)	Mark:	14
Question 5:	Missing legend.	
Conceptual Design	All relationships have been set as mandatory one or optional many, which only applies sometimes	S.
(25 marks)	No use of FKs.	
	A crew member is an employee, no relationship is portrayed.	
	Mark:	10
		5%
		48