

Pass Task 4.1.1

Create the first normal form for the following table;

stud_id	stud_name	subj_code	subj_title	sem_year	staff_id	convenor	grade
1234	John Smith	ITM2005	System Architecture	1/2015	111	Bob Hauser	83D
		ACS1005	Data Mgmt	2/2015	222	Jane Collins	44N
9555	Peter Nguyen	ITM2005	System Architecture	1/2015	111	Bob Hauser	95HD
		PRG1001	Programming I	2/2015	333	Ahmad Singh	65C

In order to provide the first normal form for the above table we simply provide each relation a row for itself. This means that each relation from the above table will become two relations due to having to the removal of repeating groups.

First Normal Form (No Repeating Groups)

stud_id	stud_name	subj_code	subj_title	sem	year	staff_id	convenor	score	grade
1234	John Smith	ITM2005	Systems Architecture	1	2015	111	Bob Hauser	83	D
1234	John Smith	ACS1005	Data Mgmt	2	2015	222	Jane Collins	44	N
9555	Peter Nguyen	ITM2005	Systems Architecture	1	2015	111	Bob Hauser	95	HD
9555	Peter Nguyen	PRG1001	Programming I	2	2015	333	Ahmad Singh	65	C