

Task P4.1.2

stud_id	subj_code	Marks	grade
1234	ITM2005	83	D
1234	ACS1005	44	N
9555	ITM2005	95	HD
9555	PRG1001	66	C

Table 1

Primary (Composite) key: Stud_id + Subj_code

stud_id[PK]	stud_name
1234	John Smith
9555	Peter Nguyen

Table 2

subj_code[PK]	staff_id	Convenor	Sem	year
ITM2005	111	Bob Hauser	01	2015
ACS1005	222	Jane Collins	02	2015
PRG1001	333	Ahmad Singh	02	2015

Table 3

subj_code[PK]	subj_title
ITM2005	System Architecture
ACS1005	Data Mgmt
PRG1001	Programming I

Table 4

To remove partial dependencies and to convert table into 2nd normal form, I separate stud_name with stud_id as its primary key as it only dependent on stud_id. I also removed subj_title, Convenor and sem_year with subj_code as primary key because all of these only depend on subj_code alone. On the other hand, grade is dependent on both stud_id and subj_code..