# Task P4.1.3

|  |  |  |  |
| --- | --- | --- | --- |
| **stud\_id[PK]** | **subj\_code[PK]** | **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][FK]** | **staff\_id[FK]** | **Sem** | **year** |
| ITM2005 | 111 | 01 | 2015 |
| ACS1005 | 222 | 02 | 2015 |
| PRG1001 | 333 | 02 | 2015 |

Table 3

|  |  |
| --- | --- |
| **subj\_code[PK]** | **subj\_title** |
| ITM2005 | System Architecture |
| ACS1005 | Data Mgmt |
| PRG1001 | Programming I |

Table 4

|  |  |
| --- | --- |
| **staff\_id [PK]** | **Convenor** |
| 111 | Bob Hauser |
| 222 | Jane Collins |
| 333 | Ahmad Singh |

Table 5

There was only one transitive dependency of convenor over staff\_id so to eliminate that I separate that out form table.