Sara Attarzadeh

Assignment 5

2/15/2016

CIS 310-01

|  |  |  |  |  |  |  |  |  |  |
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| **1.**  **Natural Join Step 1: PRODUCT** | |  |  |  | **Natural Join Step 2: SELECT** | |  |  |  |
| STU\_CODE | STU.PROF\_CODE | PROF\_CODE | DEPT\_CODE |  | STU\_CODE | STU.PROF\_CODE | PROF\_CODE | DEPT\_CODE |  |
| 100278 |  | 1 | 2 |  | 128569 | 2 | 2 | 6 |  |
| 100278 |  | 2 | 6 |  | 512272 | 4 | 4 | 4 |  |
| 100278 |  | 3 | 6 |  | 531235 | 2 | 2 | 6 |  |
| 100278 |  | 4 | 4 |  | 553427 | 1 | 1 | 2 |  |
| 128569 | 2 | 1 | 2 |  |  |  |  |  |  |
| 128569 | 2 | 2 | 6 |  |  |  |  |  |  |
| 128569 | 2 | 3 | 6 |  | **Natural Join Step 3: PROJECT** | |  |  |  |
| 128569 | 2 | 4 | 4 |  | STU\_CODE | PROF\_CODE | DEPT\_CODE |  |  |
| 512272 | 4 | 1 | 2 |  | 128569 | 2 | 6 |  |  |
| 512272 | 4 | 2 | 6 |  | 512272 | 4 | 4 |  |  |
| 512272 | 4 | 3 | 6 |  | 531235 | 2 | 6 |  |  |
| 512272 | 4 | 4 | 4 |  | 553427 | 1 | 2 |  |  |
| 531235 | 2 | 1 | 2 |  |  |  |  |  |  |
| 531235 | 2 | 2 | 6 |  | **Natural Join Final Result** | |  |  |  |
| 531235 | 2 | 3 | 6 |  | STU\_CODE | PROF\_CODE | DEPT\_CODE |  |  |
| 531235 | 2 | 4 | 4 |  | 128569 | 2 | 6 |  |  |
| 531268 |  | 1 | 2 |  | 512272 | 4 | 4 |  |  |
| 531268 |  | 2 | 6 |  | 531235 | 2 | 6 |  |  |
| 531268 |  | 3 | 6 |  | 553427 | 1 | 2 |  |  |
| 531268 |  | 4 | 4 |  |  |  |  |  |  |
| 553427 | 1 | 1 | 2 |  |  |  |  |  |  |
| 553427 | 1 | 2 | 6 |  |  |  |  |  |  |
| 553427 | 1 | 3 | 6 |  |  |  |  |  |  |
| 553427 | 1 | 4 | 4 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
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