

| Student |              |         |
|---------|--------------|---------|
| s_id    | intelligence | ranking |
| Jack    | 3            | 1       |
| Kim     | 2            | 1       |
| Paul    | 1            | 2       |

(a)

| Course |        |            |
|--------|--------|------------|
| c_id   | rating | difficulty |
| 101    | 3      | 2          |
| 102    | 2      | 1          |
| 103    | 2      | 1          |

(b)

| Professor |            |                 |
|-----------|------------|-----------------|
| p_id      | popularity | teachingability |
| Jim       | 2          | 1               |
| Oliver    | 3          | 1               |
| David     | 2          | 2               |

(c)

| RA   |        |        |            |
|------|--------|--------|------------|
| s_id | p_id   | salary | capability |
| Jack | Oliver | High   | 3          |
| Kim  | Oliver | Low    | 1          |
| Paul | Jim    | Med    | 2          |
| Kim  | David  | High   | 2          |

(d)

| Registered |      |       |              |
|------------|------|-------|--------------|
| s_id       | c_id | grade | satisfaction |
| Jack       | 101  | A     | 1            |
| Jack       | 102  | B     | 2            |
| Kim        | 102  | A     | 1            |
| Paul       | 101  | B     | 1            |

(e)