Q1.

1. ))
2. Let: ,

Select all actors who did not appear in **ALL** the movie that “Leonardo DiCaprio” acted:

So let the people who attend all such movies be S:

­

Specifically, the name of them is:

As result, get together A, B and S, the answer is:

Q2.

2. All candidate keys are: {ABJ, GBJ, EBJ, DBJ}

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | K | G | H | I | J |
| ABC |  |  |  |  |  |  |  |  |  |  |
| DEKG |  |  |  |  |  |  |  |  |  |  |
| HIJ |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | K | G | H | I | J |
| ABC |  |  |  |  |  |  |  |  |  |  |
| DEKG |  |  |  |  |  |  |  |  |  |  |
| HIJ |  |  |  |  |  |  |  |  |  |  |