

The questions deal with the following database:

Project

PNAME	YEAR	DNAME
robotics	2012	ME
database	1999	CS
health	2000	NULL

1. (1) List the instance of Project.
2. (1) List an attribute name of Project.
3. (1) List a tuple of Project.
4. (2) List all candidate keys for this instance of Project.

5. (2.5) What is the output of the following query?

$$\pi_{PNAME}(Project) \cup \rho_{(PNAME)}(\pi_{DNAME}(Project))$$

6. (2.5) What is the output of the following query?

$$\pi_{PNAME}(\sigma_{DNAME \neq CS}(Project))$$