

Q1 ↓

university_near_person	
person_name	K
university_name	
distance	c ↓

Q2 ↓

university_info	
university_name	K
phone	
address	

Q3 →

people_near_university	
person_name	
university_name	K
distance	c ↓

Q4

course_info	
id	K
course_name	
university_name	
cost	
reg_date	c ↓

Q5

person_info	
person_name	K
phone	
address	