

6. The department with the highest average GPA in the university and the department with the highest number of students in the university. **For each, include the following details:**

1. Department name
2. Number of students in the department + its percentage (out of the total students)
3. Number of honor students in the department + Average GPA of honors students
4. Number of probation students in the department + Average GPA of probation students
5. The student(s) with highest and lowest GPA. For each:
 1. Output student ID's
 2. Include more than one if there are a few with the same grade