Identify Class, properties, methods, package, proper access modifier

LAB 3

Continuing with the previous task, you want to store all the personnel information of IUT. There are 3 types of personnel: Student, Faculty, and General Employees. They will have a name, date of birth, address, and unique ID. Students will also have a department and program assigned to them. Faculty members will have a department name, designation, and an assigned room number. General employees will have a room number and designation. **The IDs are generated differently for each personnel.**
For students: Department Name + Birthday + Enrollment year + Any number between 0~9
For Faculty: Department Name + Joining year+ Birthday + Any number between 10~19
For General employee: Birthday + Joining year + any number between 5~19

You also want to store the department information i.e., name, ID, number of students, number of faculty members, etc. You can add a list of fests for each department.

In the Main class, you need to display all the information of each person (name, **age**, address, ID, and **so on.**) and department.