Employee[] employees = {

new Employee(1, "Ahmad", "IT", 1201),

new Employee(2, "Sami", "Sales", 950.8),

new Employee(5, "Huda", "IT",1010.5),

new Employee(7, "Ali", "Marketing", 1300),

new Employee(4, "Hani", "Sales", 1050)

};

List<Employee> listEmployees = Arrays.asList(employees);

listEmployees.stream()

.filter(e-> ( e.getSalary() >=800 && e.getSalary() <1200))

.map(e-> new Employee(e.getId(), e.getName(), e.getDepartment(), e.getSalary()\*1.02))

.collect(Collectors.

groupingBy(Employee::getDepartment

Collectors.counting()))

.forEach((d, c) -> System.out.println("Dept: "+ d + ", Count: " + c));