In Homework 2, the problem is clustering people accordingly to their ages and given classification criteria, which create another problem as some ages are at intersection of two groups. However, defining ages that have a conflict and specifying which ages are inclusive can help to overcome these problems. For example, at first people who are older than age 19 should be defined as adults and people who are at age 19 and younger should be defined as children. However, people who are in children group and between 10 and 19, both age 10 and 19 are inclusive to this group, ages should be defined as adolescent. Moreover, people who are in children group and between 0 and 1 ages, age 1 isn’t inclusive, should be defined as infants.