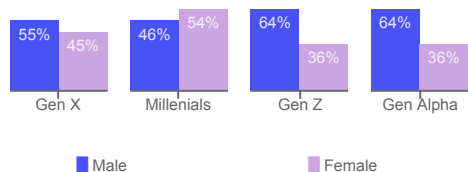# SUMMER CAMP TASK

You have joined a development team in an organization that organizes summer youth camps for children & teenagers. A youth summer camp is a supervised program designed for children and teenagers during the summer months when school is not in session. These camps offer a variety of activities that aim to educate, entertain, and engage young people in a safe and structured environment. The duration of these camps can range from a few days to several weeks.

Task 1: Your job is to create a database model for this situation. The model must contain **three tables**. a) The **first two tables** will contain the columns that are in the orange bubble. Each column can exist in exactly one table! b) The **third table** will contain columns of your choice, but we must be able to tell how many times a teenager Lakshmi visited the camp in last 3 years.

First Name   Camp Title   End Date   Personal Phone   Capacity   Last Name

Middle Name   Email   Gender   Start Date   Price

Date of Birth

Task 2: Create a script that will populate one of your tables with a **random 5000 people**. Out of these 5000, 65% should be girls and 35% should be boys. Out of these 5000, 18% should be between 7 and 12 years old, 27% should be 13 to14, 20% should be 15-17 and the rest could be any age up to 19 years old.

Task 3: Write a query that can output data in a format so that following chart can be drawn. The number in the chart are indicative

	Gen X	Millenials	Gen Z	Gen Alpha
Male	55%	46%	64%	64%
Female	45%	54%	36%	36%

■ Male   ■ Female