**Assignment 1:**

Lets assume,, we'll simulate a scenario where we receive a string containing various data points separated by commas. We need to manipulate the data and extract specific information from it. Here's the scenario:

Suppose we receive a string containing information about employees in a company. Each data point is separated by a comma, and the format of the data is as follows: "Name:Age:Department:Salary,Name:Age:Department:Salary,..."

As example:



We need to perform the following tasks:

Calculate the total number of employees.

Calculate the average age of all employees.

Find the employee with the highest salary.

Create a new string containing all employees' names sorted alphabetically.

Write a code in Java and show the expected output like below:

