In this problem, we will deal with a banking system. A customer of a bank will have two pieces of information for his authentication, name (string data) and customer ID (integer number).

a) We should have a **class** that would address associated members to solve this problem **(Mark 10)**.
b) We should have a **function** that adds a new customer to the database **(Mark 20)**.
c) We are going to track 7 days of banking transactions. We should have a **method** that would take the day number (1st day, 2nd day, ...) customer ID, transaction type (deposit/withdrawal), and an amount of money (integer). This method would be responsible for executing the transaction and updating the information in the banking database (**Mark 30**).
d) Finally, we should have another **method** that would take a parameter denoting the customer's ID and print the statistics **(Mark 40).** In these statistics, we need to print the customer's full ID, the amount of current savings in his account, and the days when he did some sort of transaction (deposit/withdrawal) with the information regarding the associated money.