

In this problem, we will deal with the student database. A student can be identified with two pieces of information: name (string data) and roll number (integer data).

- 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 student to the database. **(Mark 20)**.
- c) We are going to track 7 days of student attendance. We should have a method that would take the day number (1st day, 2nd day, ...) along with the student's roll to store the information that the student was present at that day **(Mark 30)**.
- d) Finally, we should have another **method** that would take a parameter denoting the student's roll number and print the statistics **(Mark 40)**. In this statistics, we need to print, the student's full name, and the percentage of days he was present among the seven days. Alongside the days when he was absent.