

Exercise 1

The manager of the ABC Company wants to develop a system with the following requirements.

1. There should be a way to store employee details (id, name, department and the salary).
2. Enter the details by the receptionist through the keyboard
3. When entering, it prompts to store 5 employee details at once.
4. Then it should be able to print the total salary of the 5 employees.
5. It should facilitate to remove the details of the all 5 employee details at once.

As a developer, select the most suitable collection framework to implement the given scenario. Then implement the necessary classes and the main method to demonstrate the requirements of the manager.

Exercise 2

In the Nawaloka medical center, when patients are given the appointment numbers, it needed to be given according to the order that they arrive. But if there any emergency patient, he /she has to treat first.

Write a program to implement the given scenario. Your program should have a person class, patient class and the main class. Patient class should extend the person class. Statue relevant attributes and method in classes. Apply a suitable collection type in the main class when assign a appointment numbers to each patient.

