Name:M.selvapriya  
superset id :6413004  
**Exercise 4: Employee Management System**

Scenario:

You are developing an employee management system for a company. Efficiently managing employee records is crucial.

Steps:

1. Understand Array Representation:

o Explain how arrays are represented in memory and their advantages.

2. Setup:

o Create a class Employee with attributes like employeeId, name, position, and salary.

3. Implementation:

o Use an array to store employee records.

o Implement methods to add, search, traverse, and delete employees in the array.

4. Analysis:

o Analyze the time complexity of each operation (add, search, traverse, delete).

o Discuss the limitations of arrays and when to use them.  
