**Exercise 4: Employee Management System**

**Scenario:**

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

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

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Arrays are represented in memory as contiguous blocks of memory locations. All elements of the array are stored in contiguous memory locations. If the first element of the array is stored at memory address A, then the second element is stored at A + (size of the element) , the third element at A + 2 \* (size of the element), and so on.