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package inheritancepackage;
public class Employee {
	private int empId;
	private String empName;
	private double salary;
	Employee(int empId,String empName,double salary){
		this.empId=empId;
		this.empName=empName;
		this.salary=salary;
}
public String getEmployeeDetails(){
		return(empId+" "+empName+" "+salary);
	}
	}
package random;
	public class Employee {
	    private int id;
	    private String name;
	    private String position;
	    private double salary;
public Employee(int id, String name, String position, double salary) {
	        this.id = id;
	        this.name = name;
	        this.position = position;
	        this.salary = salary;
	    }
public int getId() {
	        return id;
	    }
public String getName() {
	        return name;
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        }
public String getPosition() {
            return position;
        }

public double getSalary() {
            return salary;
        }
         @Override
 public String toString() {
            return "Employee ID: " + id + ", Name: " + name + ", Position: " + position + ", Salary: $"
+ salary;
        }
      }
package random;
import java.util.ArrayList;
public class EmployeeManagement {
        private ArrayList<Employee> employees;
        private int nextId;

        public EmployeeManagement() {
            employees = new ArrayList<>();
            nextId = 1; // Start IDs from 1
        }
public void addEmployee(String name, String position, double salary) {
            Employee employee = new Employee(nextId++, name, position, salary);
            employees.add(employee);
            System.out.println("Employee added: " + employee);
        }
 public void viewEmployees() {
            if (employees.isEmpty()) {
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            System.out.println("No employees found.");
            return;
        }
        System.out.println("Employee List:");
        for (Employee employee : employees) {
            System.out.println(employee);
        }
    }

public void deleteEmployee(int id) {
        for (int i = 0; i < employees.size(); i++) {
            if (employees.get(i).getId() == id) {
                employees.remove(i);
                System.out.println("Employee with ID " + id + " has been deleted.");
                return;
            }
        }
        System.out.println("Employee with ID " + id + " not found.");
    }
}
package random;
import java.util.Scanner;
public class EmployeeMain {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        EmployeeManagement ems = new EmployeeManagement();
        int choice;

        do {
            System.out.println("\nEmployee Management System");
            System.out.println("1. Add Employee");
```

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System.out.println("2. View Employees");
System.out.println("3. Delete Employee");
System.out.println("4. Exit");
System.out.print("Enter your choice: ");
choice = scanner.nextInt();
scanner.nextLine(); // Consume newline

switch (choice) {
    case 1:
        System.out.print("Enter employee name: ");
        String name = scanner.nextLine();
        System.out.print("Enter employee position: ");
        String position = scanner.nextLine();
        System.out.print("Enter employee salary: ");
        double salary = scanner.nextDouble();
        ems.addEmployee(name, position, salary);
        break;
    case 2:
        ems.viewEmployees();
        break;
    case 3:
        System.out.print("Enter employee ID to delete: ");
        int id = scanner.nextInt();
        ems.deleteEmployee(id);
        break;
    case 4:
        System.out.println("Exiting...");
        break;
    default:
        System.out.println("Invalid choice. Please try again.");
}
```

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 } while (choice != 4);
scanner.close();
                }
            }
```