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import java.util.ArrayList;
import java.util.Scanner;

class Employee {
    String name;
    int empId;
    String department;
    int age;
    String designation;
    double salary;

    public Employee(String name, int empId, String department, int age, String designation,
double salary) {
        this.name = name;
        this.empId = empId;
        this.department = department;
        this.age = age;
        this.designation = designation;
        this.salary = salary;
    }
}

public class EmployeeDatabase {
    public static void main(String[] args) {
        ArrayList<Employee> employeeList = new ArrayList<Employee>();
        Scanner input = new Scanner(System.in);

        // Read and add details of employees
        for (int i = 1; i <= 5; i++) {
            System.out.println("Enter details for Employee " + i + ":");
            System.out.print("Name: ");
            String name = input.nextLine();
            System.out.print("Emp_ID: ");
            int empId = input.nextInt();
            input.nextLine(); // Consume the newline character
            System.out.print("Department: ");
            String department = input.nextLine();
            System.out.print("Age: ");
            int age = input.nextInt();
            input.nextLine(); // Consume the newline character
            System.out.print("Designation: ");
            String designation = input.nextLine();
            System.out.print("Salary: ");
            double salary = input.nextDouble();
            input.nextLine(); // Consume the newline character

            employeeList.add(new Employee(name, empId, department, age, designation,
salary));
```

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        }

        System.out.println("Details of Employees:");
        for (Employee emp : employeeList) {
            System.out.println("Name: " + emp.name + ", Emp_ID: " + emp.empId + ",
Department: " + emp.department + ", Age: " + emp.age + ", Designation: " + emp.designation
+ ", Salary: " + emp.salary);
        }

        // Calculate and display the sum of salaries of all employees in the "Sales" department
        double salesDepartmentSalarySum = 0.0;
        for (Employee emp : employeeList) {
            if (emp.department.equals("Sales")) {
                salesDepartmentSalarySum += emp.salary;
            }
        }
        System.out.println("Total Salary of Sales Department: " + salesDepartmentSalarySum);

        // Retrieve details of the highest-paid manager in the "Purchase" department
        Employee highestPaidManager = null;
        double maxSalary = 0.0;

        for (Employee emp : employeeList) {
            if (emp.department.equals("Purchase") && emp.designation.equals("Manager")) {
                if (emp.salary > maxSalary) {
                    maxSalary = emp.salary;
                    highestPaidManager = emp;
                }
            }
        }

        if (highestPaidManager != null) {
            System.out.println("Details of the Highest-Paid Manager in Purchase Department:");
            System.out.println("Name: " + highestPaidManager.name + ", Emp_ID: " +
highestPaidManager.empId + ", Department: " + highestPaidManager.department + ", Age: "
+ highestPaidManager.age + ", Designation: " + highestPaidManager.designation + ", Salary:
" + highestPaidManager.salary);
        } else {
            System.out.println("No Manager found in Purchase Department.");
        }
    }
}
```