Create a employee record using map interface and do the following operations.

1. Add object iii. Remove specified object

isEmpty or not iv. Clear

CODE:

import java.util.\*;

public class EmployeeRecord {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Create a map to store employee records

Map<Integer, String> employeeMap = new HashMap<>();

// Add object to the employee record

System.out.print("Enter employee ID: ");

int employeeId = scanner.nextInt();

scanner.nextLine(); // Consume newline character

System.out.print("Enter employee name: ");

String employeeName = scanner.nextLine();

employeeMap.put(employeeId, employeeName);

System.out.println("Employee record added successfully.");

// Check if the map is empty or not

boolean isEmpty = employeeMap.isEmpty();

System.out.println("Is employee record empty? " + (isEmpty ? "Yes" : "No"));

// Remove specified object from the map

System.out.print("Enter employee ID to remove: ");

int idToRemove = scanner.nextInt();

if (employeeMap.containsKey(idToRemove)) {

employeeMap.remove(idToRemove);

System.out.println("Employee record with ID " + idToRemove + " removed successfully.");

} else {

System.out.println("Employee record with ID " + idToRemove + " not found.");

}

// Clear the employee record

employeeMap.clear();

System.out.println("Employee record cleared.");

scanner.close(); // Closing the scanner object

}

}

OUTPUT:

C:\javap>javac EmployeeRecord.java

C:\javap>java EmployeeRecord

Enter employee ID: 192125114

Enter employee name: Aashrita

Employee record added successfully.

Is employee record empty? No

Enter employee ID to remove: 192110258

Employee record with ID 192110258 not found.

Employee record cleared.

