EMPLOYEE MANAGEMENT SYSTEM

data class Employee(val id: Int, val name: String, val department: String)

class EmployeeManagementSystem {

private val employees = mutableListOf<Employee>()

fun addEmployee(employee: Employee) {

employees.add(employee)

println("Employee added successfully.")

}

fun removeEmployee(employeeId: Int) {

val employeeToRemove = employees.find { it.id == employeeId }

if (employeeToRemove != null) {

employees.remove(employeeToRemove)

println("Employee removed successfully.")

} else {

println("Employee with ID $employeeId not found.")

}

}

fun displayAllEmployees() {

if (employees.isEmpty()) {

println("No employees to display.")

} else {

println("List of Employees:")

employees.forEach { println("ID: ${it.id}, Name: ${it.name}, Department: ${it.department}") }

}

}

}

fun main() {

val empSystem = EmployeeManagementSystem()

// Adding employees

empSystem.addEmployee(Employee(1, "John Doe", "IT"))

empSystem.addEmployee(Employee(2, "Jane Smith", "HR"))

empSystem.addEmployee(Employee(3, "Michael Johnson", "Finance"))

// Displaying all employees

empSystem.displayAllEmployees()

// Removing an employee

empSystem.removeEmployee(2)

// Displaying all employees after removal

empSystem.displayAllEmployees()

}

