Practical 2-A:

```
Code:

import java.io.File;

public class ListFilesInDirectory {
    public static void main(String[] args) {
        String directoryPath = "C:/example/directory";
        File directory = new File(directoryPath);

        if (directory.isDirectory()) {
            String[] fileList = directory.list();

            if (fileList != null && fileList.length > 0) {
                System.out.println("Files and directories in " + directoryPath + ":");
                for (String fileName : fileList) {
                    System.out.println(fileName);
                }
            } else {
                System.out.println("The directory is empty.");
            }
        } else {
            System.out.println("The specified path is not a directory.");
        }
    }
}

Output:

Files and directories in C:/example/directory:
file1.txt
file2.txt
subdir
```

Practical 4:

```
Code:

import java.util.ArrayList;
import java.util.List;
import java.util.stream.Collectors;

class Employee {
    private int id;
    private String name;
    private double salary;

    public Employee(int id, String name, double salary) {
        this.id = id;
        this.name = name;
        this.salary = salary;
    }

    public String getName() {
        return name;
    }

    public double getSalary() {
        return salary;
    }
}

public class EmployeeDetails {
    public static void main(String[] args) {
        List<Employee> employees = new ArrayList<>();

        employees.add(new Employee(1, "Alice", 2000));
        employees.add(new Employee(2, "Bob", 1500));
        employees.add(new Employee(3, "Charlie", 45000));
        employees.add(new Employee(4, "David", 50000));
        employees.add(new Employee(5, "Eve", 1200));

        List<String> filteredEmployees = employees.stream()
            .filter(e -> e.getSalary() > 1500 && e.getSalary() < 50000)
            .map(Employee::getName)
            .collect(Collectors.toList());

        System.out.println("Employees with salary between 1500 and 50000:");
        filteredEmployees.forEach(System.out::println);
    }
}

Output:
Employees with salary between 1500 and 50000:
Alice
Charlie
```