

```
; if ($?) { java NimbusLambdaStreams_2_2 }
```

```
--- Nimbus Lambda & Streams Menu ---
```

1. Sort Employee Objects Using Lambda
2. Filter and Sort Students Using Streams
3. Stream Operations on Product Dataset
4. Exit

Enter choice: 1

Enter number of employees: 3

Enter name: Ankit

Enter age: 20

Enter salary: 50000

Enter name: Ram

Enter age: 21

Enter salary: 60000

Enter name: Mohan

Enter age: 22

Enter salary: 70000

Sort by name:

Name: Ankit, Age: 20, Salary: 50000.0

Name: Mohan, Age: 22, Salary: 70000.0

Name: Ram, Age: 21, Salary: 60000.0

Sort by age:

Name: Ankit, Age: 20, Salary: 50000.0

Name: Ram, Age: 21, Salary: 60000.0

Name: Mohan, Age: 22, Salary: 70000.0

Sort by salary (descending):

Name: Mohan, Age: 22, Salary: 70000.0

Name: Ram, Age: 21, Salary: 60000.0

Name: Ankit, Age: 20, Salary: 50000.0

```
PS C:\Users\ankit\OneDrive\Desktop\practice assignment> cd "c:\Users\ankit\OneDrive\Desktop\practice assignment\" ; if ($?) { javac NimbusLambdaStreams_2_2.java ; if ($?) { java NimbusLambdaStreams_2_2 }
```

```
--- Nimbus Lambda & Streams Menu ---
```

1. Sort Employee Objects Using Lambda
2. Filter and Sort Students Using Streams
3. Stream Operations on Product Dataset
4. Exit

Enter choice: 2

Enter number of students: 2

Enter name: Ankit

Enter marks: 98

Enter name: Mangal Pandey

Enter marks: 88

Students with marks > 75%, sorted by marks:

Mangal Pandey

Ankit

--- Nimbus Lambda & Streams Menu ---

1. Sort Employee Objects Using Lambda
2. Filter and Sort Students Using Streams
3. Stream Operations on Product Dataset
4. Exit

Enter choice: 3

Enter number of products: 3

Enter product name: Knife

Enter price: 500

Enter category: Utensils

Enter product name: sofa

Enter price: 25000

Enter category: Utensils

Enter product name: Bulb

Enter price: 100

Enter category: Light Product

Products grouped by category:

Utensils:

Knife - 500.0

sofa - 25000.0

Light Product:

Bulb - 100.0

Most expensive product in each category:

Utensils: sofa - 25000.0

Light Product: Bulb - 100.0

Average price of all products: 8533.333333333334