










- ▼  Java_8_Features
 - >  JRE System Library [JavaSE-21]
 - ▼  src
 - ▼  com.km
 - >  Functional_interface.java
 - >  Lambda_interface.java
 - >  Static_interface.java
 - >  Stream_api.java
 - >  Time_Api.java

```
1 package com.km;
2
3 interface meeting{
4     void meet();
5
6     default void schedule_meet(){
7         System.out.println("Meeting is already Scheduled");
8     }
9 }
10
11 public class Functional_interface {
12
13     public static void main(String[] args) {
14         meeting m=()->System.out.println("Meeting is going on");
15         m.meet();
16     }
17 }
18
19 }
20
```

<terminated> Functional_interface [Java Application] C:\Users\nmano\Downloads\spring
Meeting is going on

```
1 package com.km;
2
3 import java.util.ArrayList;
4
5 interface greeting{
6     void greet();
7 }
8
9 public class Lambda_interface {
10
11     public static void main(String[] args) {
12         greeting g=() ->System.out.println("Hi! Have a Great day");
13         g.greet();
14
15         ArrayList<String> arr = new ArrayList<>();
16         arr.add("1");
17         arr.add("2");
18         arr.add("3");
19
20         for(String n:arr) {
21             System.out.println(n);
22         }
23     }
24 }
25
26 }
27
```

<terminated> Lambda_interface [Java Application] C

Hi! Have a Great day

1
2
3

```
1 package com.km;
2
3 interface Sum {
4     int add1(int x, int y);
5 }
6
7 public class Static_interface {
8
9     public static void main(String[] args) {
10
11         Sum m = (x, y) -> x + y;
12         System.out.println(m.add1(8, 15));
13
14     }
15
16 }
17
```

<terminated> Static_interface [Java Application] C:\Users\rimano\Downloads\spring-tools-for-eclipse-4.31.0.REL @

23

```
1 package com.km:
2   sampleproject/src/com/example/rk/hello.java
3 import java.util.Arrays;
4 import java.util.List;
5 import java.util.stream.Stream;
6
7 public class Stream_api {
8
9     public static void main(String[] args) {
10         List<Integer> nums=Arrays.asList(2,15,1,5,10,7,22);
11         Stream<Integer> data=nums.stream();
12
13         nums.stream()
14             .sorted()
15             .map(n->n*4)
16             .forEach(n->System.out.println(n));
17     }
18 }
19
20
```

<terminated> Stream_api [Java Application] C:\Users\nmano\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE

```
4
8
20
28
40
60
88
```

```

1 package com.km;
2
3 import java.time.Duration;
4 import java.time.LocalDate;
5 import java.time.LocalDateTime;
6 import java.time.LocalTime;
7 import java.time.Period;
8
9
10 public class Time_Api {
11
12     public static void main(String[] args) {
13
14         LocalTime today=LocalTime.now();
15         System.out.println(today);
16
17         LocalDate localDate=LocalDate.now();
18         System.out.println(localDate);
19
20         LocalDateTime localDateTime=LocalDateTime.now();
21         System.out.println(localDateTime);
22
23
24         LocalDate birthday=LocalDate.of(2003, 6, 8);
25
26         Period ageDiff=Period.between(localDate, birthday);
27
28         System.out.println(ageDiff.getYears());
29
30         LocalTime start = LocalTime.now();
31         LocalTime end = LocalTime.of(8,45);
32         Duration d1 = Duration.between(start, end);
33         System.out.println(d1);
34
35     }
36 }
37
38 }
39

```

```

sterminated> Time_Api [Java Application] C:\Users\nmano\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-@
16:10:44.679618500
2025-08-11
2025-08-11T16:10:44.679618500
-22
PT-7H-25M-44.6825427S

```