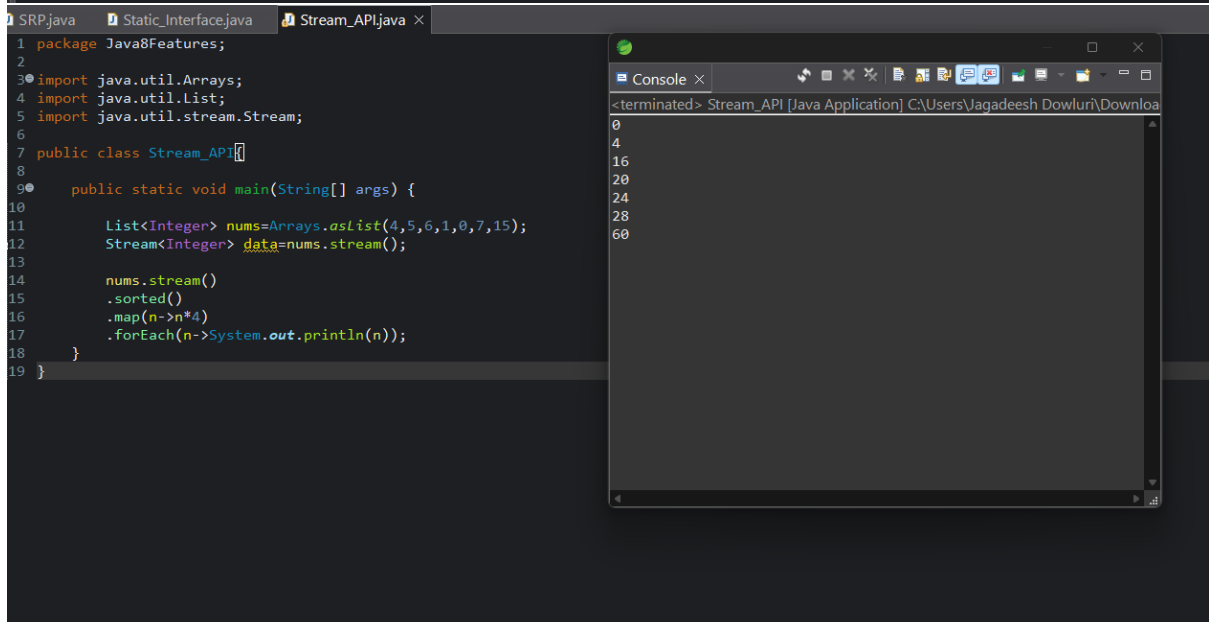
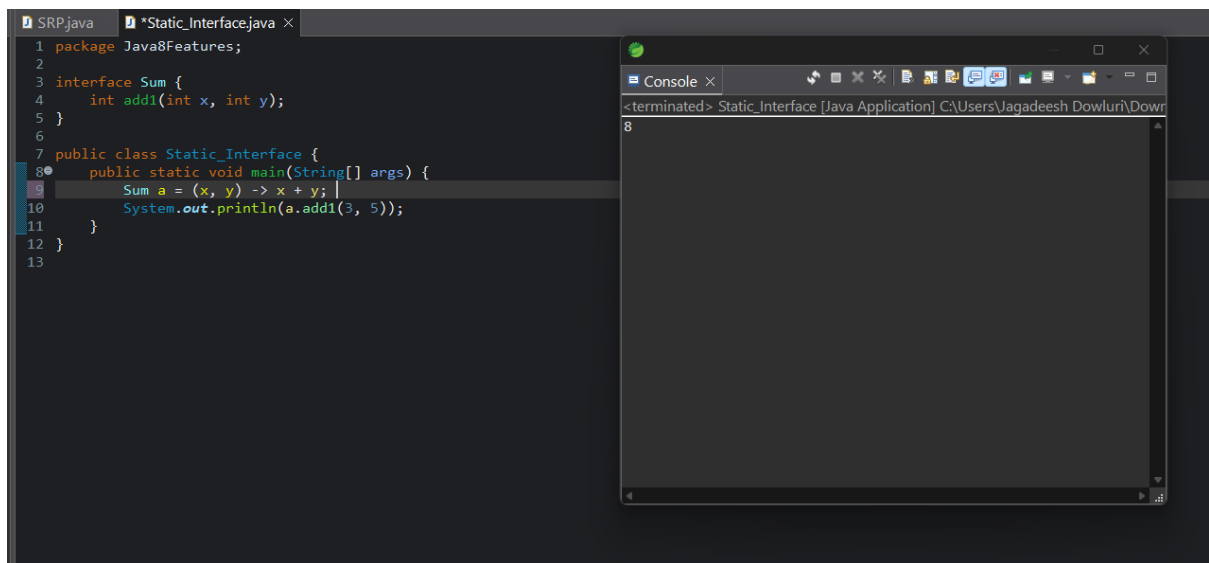
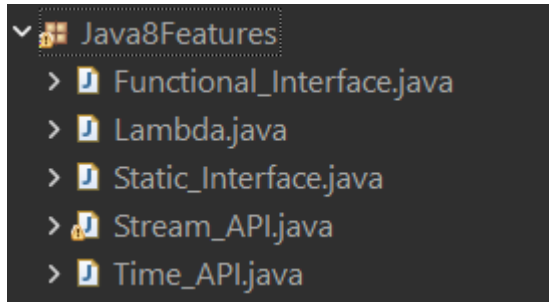


# J8 features



```
SRP.java Static_Interface.java Stream_API.java Time_API.java ×
1 package Java8Features;
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 public class Time_API {
10
11     public static void main(String[] args) {
12         LocalTime today = LocalTime.now();
13         System.out.println(today);
14
15         LocalDate d = LocalDate.now();
16         System.out.println(d);
17
18         LocalDateTime dt = LocalDateTime.now();
19         System.out.println(dt);
20
21         LocalDate birthday = LocalDate.of(2002,2,9);
22         Period ageDiff = Period.between(birthday, d);
23         System.out.println(ageDiff.getYears());
24
25         LocalTime start = LocalTime.now();
26         LocalTime end = LocalTime.of(8,45);
27         Duration d1 = Duration.between(start, end);
28         System.out.println(d1);
29
30     }
31 }
32
33 }
34
```

Console ×

```
<terminated> Time_API [Java Application] C:\Users\Vagadeesh Dowluri\Downloads\
19:11:46.595283
2025-08-10
2025-08-10T19:11:46.596281100
23
PT-10H-26M-46.6017848S
```

```
Functional_Interface.java ×
1 package Java8Features;
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
```

Console ×

```
<terminated> Functional_Interface [Java Application] C:\Users\Vagadeesh Dowluri\Downloads\
Meeting is going on
```

```
1 package Java8Features;
2
3 import java.util.ArrayList;
4
5 interface greeting{
6     void greet();
7 }
8
9 public class Lambda {
10
11     public static void main(String[] args) {
12         greeting g=() ->System.out.println("Hello Good morning");
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
```

Console ×

```
<terminated> Lambda [Java Application] C:\Users\Vagadeesh Dowluri\Downloads\
Hello Good morning
1
2
3
```