

# JAVA 8

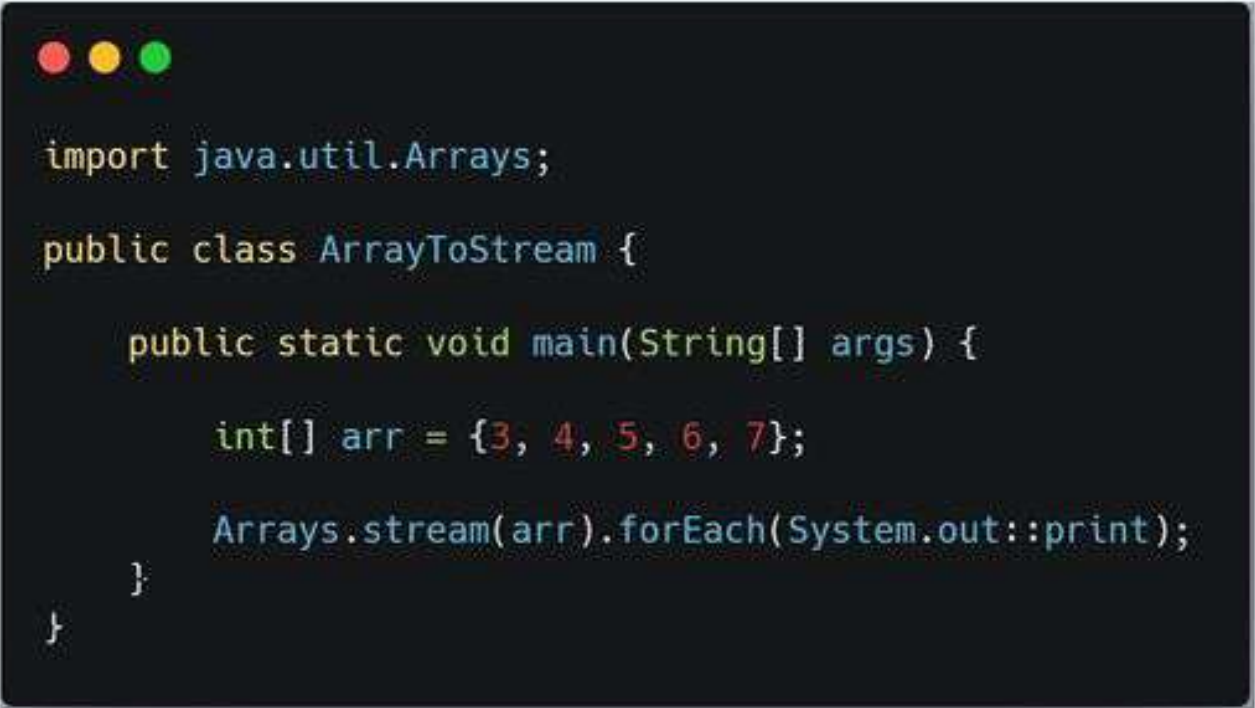
What are different ways to  
create **STREAM** ?



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## Method 1 :

If you have an array, then just call ***Arrays.stream()*** to convert an array into streams.



```
import java.util.Arrays;

public class ArrayToStream {

    public static void main(String[] args) {

        int[] arr = {3, 4, 5, 6, 7};

        Arrays.stream(arr).forEach(System.out::print);

    }

}
```

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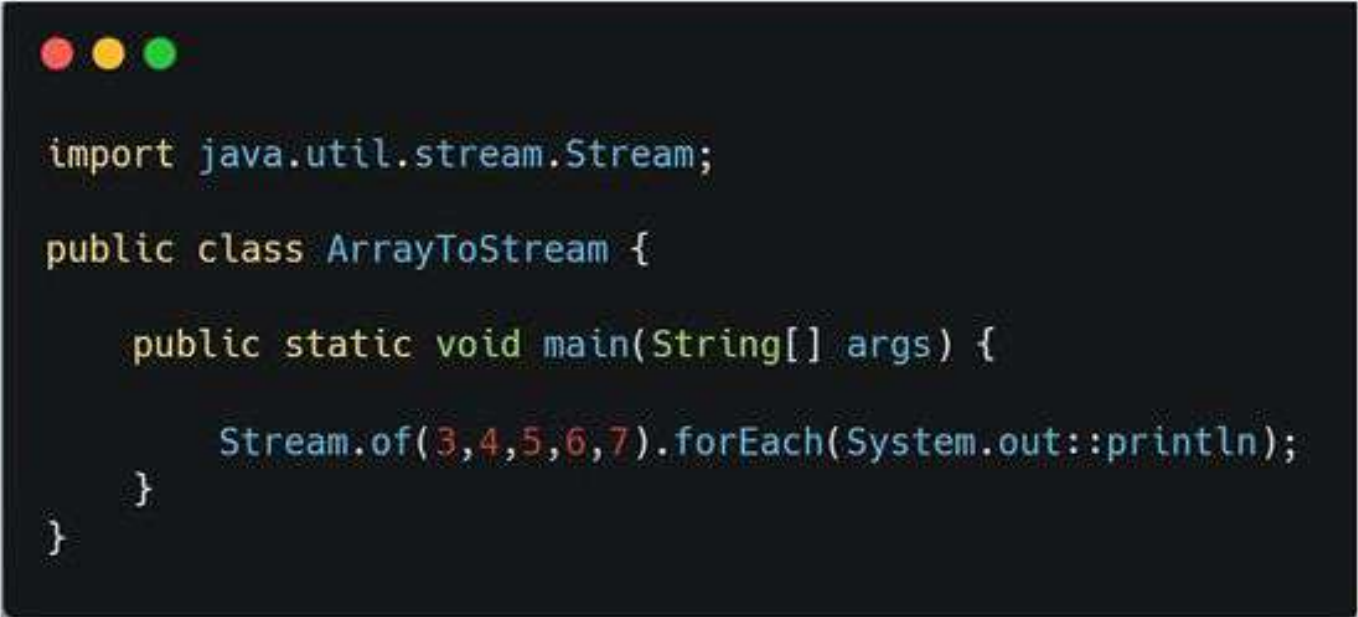
## Method 2 :

Stream can be easily generated from a List collection using **stream()** or **parallelStream()**.

```
public class ArrayToStream {  
    public static void main(String[] args) {  
        Integer[] arr = {3, 4, 5, 6, 7};  
        List<Integer> aList = Arrays.asList(arr);  
        //converting List to Stream using stream()  
        aList.stream().forEach(System.out::println);  
        //converting List to Stream using parallelStream()  
        aList.parallelStream().forEach(System.out::println);  
    }  
}
```

### Method 3 :

What if I want to directly convert the numbers into stream without referring Array or List ? This is also achievable using ***Stream.of()*** method.



```
import java.util.stream.Stream;

public class ArrayToStream {

    public static void main(String[] args) {

        Stream.of(3,4,5,6,7).forEach(System.out::println);
    }
}
```