



# forEach in Java 8

# Agenda

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**forEach in Java 8**

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## forEach() in Java 8

- **forEach()** was introduced in Java 8 to iterate a collection of elements
- Defined in **Iterable** interface
- Signature of forEach in Iterable interface:

**default void forEach(Consumer<super T> action)**

- We can pass lambda expression as an argument

## Example 1 – using lambda expressions

```
public class ExampleForEachDemo {  
  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        List<String> list = new ArrayList<String>();  
        list.add("One");  
        list.add("Two");  
        list.add("Three");  
        //iterating with forEach by passing LambdaExpressions.  
        list.forEach(l1 -> System.out.println(l1));  
  
    }  
}
```

Output:  
One  
Two  
Three

## Example 2 – using method reference

- Iterating through method reference.

```
public class ExampleForEachDemo {  
  
    public static void main(String[] args) {  
        // TODO Auto-generated method |  
        List<String> list = new ArrayList<String>();  
        list.add("One");  
        list.add("Two");  
        list.add("Three");  
        list.forEach(System.out::println);  
    }  
}
```

Output:  
One  
Two  
Three



**Thank you**