A lambda expression is a short block of code which takes in parameters and returns a value. Lambda expressions are similar to methods, but they do not need a name and they can be implemented right in the body of a method.

Example

Use a lamba expression in the ArrayList's forEach() method to print every item in the list:

import java.util.ArrayList;

public class Main {

public static void main(String[] args) {

ArrayList<Integer> numbers = new ArrayList<Integer>();

numbers.add(5);

numbers.add(9);

numbers.add(8);

numbers.add(1);

numbers.forEach( (n) -> { System.out.println(n); } );

}

}

Functional interfaces : Interface that contains one single method. Lambda expression only works with functional interfaces. Lambda ex. Can have 0, 1, and multiple parameters.