Hands-On Exercises

Stream API and Collectors II

[Optional class 1](#_Toc5007)

[Assignment 01 1](#_Toc28077)

[Assignment 02 1](#_Toc18239)

[Assignment 03 1](#_Toc950)

# Optional class

Assignment 01  
  
Use Optional class and avoid NullPointerException from the below code:

String names[] = new String[5];

System.out.print(names[0].length( ));

## Assignment 02

Given a String address, print the address if it is not null or else print the default address as "India".

## Assignment 03

Given an Employee object which may be initialized to null, use Optional class to check if it is null and to throw an user defined exception InvalidEmployeeException.

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