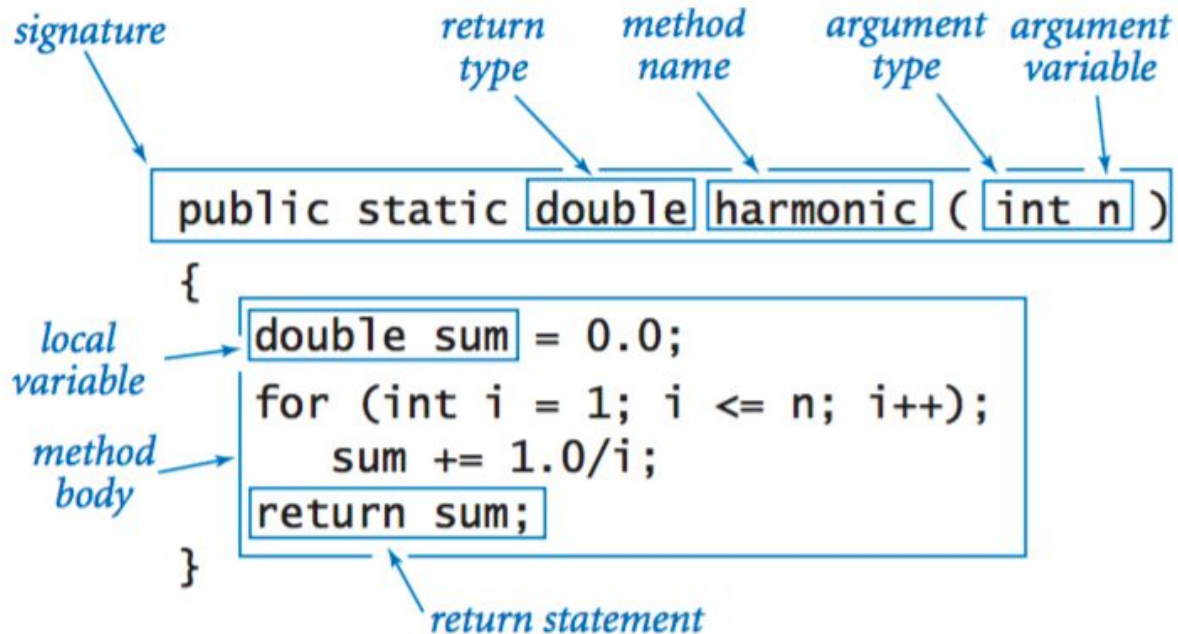


# Day 4 - Programs at Bootcamp

## Section B - Functions and Libraries :- Static Functions



1. Write [StringFunctions.java](#) and have following static functions
  - a. to check if the given two strings are an Anagram and return boolean value. One string is an anagram of another if the second is simply a rearrangement of the first. For example, 'heart' and 'earth' are anagrams...
  - b. to check if the given String is palindrome or not? and return boolean value. Palindrome are those String whose reverse is equal to original. Do not use String Functions.
  - c. to return all permutation of a String using Iterative method
  - d. to return all permutation of a String using Recursion method
  - e. to check if the arrays returned by two string functions above are equal

# Day 4 - Programs at Home

## Section B - Functions and Libraries :- Static Functions

1. Extend the exercise done in Week 1 to create Calendar.java and write a Static Function to find Day Of Week that takes a date as input and returns the day of the week that date falls on.
2. To Calendar.java that takes the month and year as command-line arguments and prints the Calendar of the month as shown below. It uses the Day Of Week function to find Calendar Dates..

```
% java Calendar 7 2005
July 2005
S M T W Th F S
          1  2
3  4  5  6  7  8  9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31
```