What is String in Java? String is a data type?  
What are different ways to create String Object?

How can we make String upper case or lower case?  
What is String subSequence method?  
How to compare two Strings in java program?  
How to convert String to char and vice versa?  
How to convert String to byte array and vice versa?  
Can we use String in switch case?  
Difference between String, StringBuffer and StringBuilder?  
Why String is immutable or final in Java  
How to Split String in java?  
Why Char array is preferred over String for storing password?  
How do you check if two Strings are equal in Java?  
What is String Pool?  
What does String intern() method do?

I am performing lots of string concatenation and string modification in my code. which class among string, StringBuffer and StringBuilder improves the performance of my code. Remember I also want thread safe code?

What is string intern?

In how many ways you can create string objects in java?

How does substring method work in Java?

Difference between using StringTokenizer and String.split( )

What is String Tokenizer and its usage?

Methods in stringtokenizer class

3.1: Create a method which can perform a particular String operation based on the user’s choice. The method should accept the String object and the user’s choice and return the output of the operation.

Options are

Add the String to itself

Replace odd positions with #

Remove duplicate characters in the String

Change odd characters to upper case

3.2: Create a method that accepts a String and checks if it is a positive string. A string is considered a positive string, if on moving from left to right each character in the String comes after the previous characters in the Alphabetical order.For Example: ANT is a positive String (Since T comes after N and N comes after A). The method should return true if the entered string is positive.

3.3: Create a method to accept date and print the duration in days, months and years with regards to current system date.

3.4: Revise exercise 3.3 to accept two LocalDates and print the duration between dates in days, months and years.

3.5: Create a method to accept product purchase date and warrantee period (in terms of months and years). Print the date on which warrantee of product expires.

3.6: Create a method which accept zone id and print the current date and time with respect to given zone. (Hint: Few zones to test your code. America/New\_York, Europe/London, Asia/Tokyo, US/Pacific, Africa/Cairo, Australia/Sydney etc.)

In the above person class, created in day 1, Add a method called calculateAge which should accept person’s date of birth and calculate age of a person.  
b) Add a method called getFullName(String firstName, String lastName) which should return full name of a person. Display person details with age and fullname