Assignments 4

1. Write a Java program to get the character at the given index within the string.
Sample Output:
The Original String = Java Python!
The character at position 0 is J
character at position 3 is a

2. Write a Java program to concatenate a given string to the end of another string.
Example
String 1: Java Exercises and
String 2: Python Exercises
The concatenated string: Java Exercises and Python Exercises

3. Write a Java program to test if a given string contains the specified sequence of char values.
Example
Original String: Java Exercises and Python Exercises
Specified sequence of char values: and
true

4. Write a Java program to check whether two String objects contain the same data.Example
Hello good evening" equals "Hi good evening" false
Hello good evening" equals "Hello good evening" True

5. Write a Java program to compare a given string to another string, ignoring case considerations.
|Example:
Stephen Edwin King" equals "Walter Winchell"? false
Stephen Edwin King" equals "stephen edwin king"? true

6. Write a Java program to print the current date and time in the specified format.
Example
Current Date and Time :
December 25, 2013
 9:13 pm
The current date and time will change according to your system date and time.

7. Write a Java program to get the last index of a string within a string.
Example :
Hello good evening o/p — g

8. Write a Java program to get a substring of a given string at two specified positions.
Example :
old = The quick brown fox jumps over the lazy dog.
new = brown fox jumps

9. Write a Java program to create a character array containing a string.

10. Write a Java program to convert all characters in a string to lowercase.
Example
Original String: The Quick BroWn FoX!
String in lowercase: the quick brown fox!

11. Write a Java program to convert all characters in a string to uppercase.
Example :
Original String: The Quick BroWn FoX!
String in uppercase: THE QUICK BROWN FOX!

12. Write a Java program to trim leading or trailing whitespace from a given string.
Example :
Original String: Java Exercises   New
String: Java Exercises

13. Write a Java program to print the result of removing duplicates from a given string.
Example
The given string is: JavaPython
After removing duplicates characters the new string is:
JvPython

14. Write a Java program to reverse words in a given string.
Example:
The given string is: Reverse words in a given string
The new string after reversed the words: string given a in words Reverse

15. Write a Java program to reverse in a given string.
Example:
The given string is: Reverse words in a given string

16. Write a Java program to remove "b" and "ac" from a given string.
Example
The given string is: abrambabasc
After removing the new string is: aramaasc

17. Write a Java program to count and print all duplicates in the input string.
Example :
The given string is: JavaPythonJava
The duplicate characters and counts are:
J appears 2 times
A appears 2 times