Object Oriented Programming in Java Lab Sheet
II Year /I Part
Faculty: BCA

Lab sheet 6

Objectives:
1. To Familiarize with Handling String in Java

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1. Write a Java program that takes a string as input and checks if it is a single character or not. If the string is a single character, print "String is a single character"; otherwise, print "String is not a single character".

2. Write a Java program that takes a string as input and removes all the vowels from it.

3. Write a Java program that takes two strings as input and compares them lexicographically. If the first string is lexicographically greater than the second string, print "First string is greater"; if the first string is lexicographically smaller, print "First string is smaller"; otherwise, print "Strings are equal".

4. Write a Java program that takes a string as input and checks if it is a valid email address. If the string is a valid email address, print "String is a valid email address"; otherwise, print "String is not a valid email address".

5. Write a Java program that takes a string as input and counts the number of uppercase letters in it.

6. Write a Java program that takes a string as input and prints the reverse of the string.

7. Write a Java program that takes a string as input and finds the longest word in the string.

8. Write a Java program that takes a string as input and determines if it is a valid email addres.