

GLS UNIVERSITY
BCA SEM IV
0301405 PRACTICAL ON CORE JAVA
UNIT -3 & 4 CEC

ODD NUMBER:

1) Create an object of string buffer class, which stores a string from the user. Perform the following operations.

- Reverse the string and print it.
- Take another string from the user and append it with existing string.
- Replace the string from 4 to 8 index.
- Print the capacity of the modified string.
- Find the character at position 8th and also set character "a" at that position.

2) Write a program to create a package called P1. Create a class named package1 inside a package P1 and declare user define constructor called which prints "i am inside package1".

Create another package called P2 which imports a package P1.

Create a class named package2 inside a package P2 and declare user define constructor which prints "i am inside package2". Call package1 constructor inside package2 class and displays the message.

EVEN NUMBER:

1) Consider string s=" FCAIT GLS UNIVERSITY", modify the string as

- Convert the string into lowercase.
- Find out the sub string as GLS.
- Enter another String "GLS BCA"
- Find out whether two strings are equal.
- Remove the extra space from the string.
- Find the length of the string.
- Append a string "JAVA CLASS".
- Find the capacity of the string.
- Find out the character at position 7.
- Change the 7th character to "M"

2) Write a java program that creates two threads implementing Thread class. One thread should create an array, sort it and display the sorted array. Second thread should display your college name after every 5 second.