

## Java Logic Stage 4

### String

Q1. Accept string from user , accept a character from user and count the occurrence of the same

Q2. Accept string and check if it is palindrome or not e.g (nitin) Q3. Accept a string and reverse it.

Q4. Accept a sentence from user and count number of words

Q5. Accept two string append 1st one with the second one

Q6. Accept two string and check both are same or not

Q7. Accept 5 name from user and print their name in ascending order

Q8. Accept 5 name from user , accept a name from user and check that name is there in array or not

Q9. Accept a string accept a character and delete all occurrence of that character.

Q.10 Write a program to extract the portion of a string and print the extracted string. Assume that m characters are extracted, starting from n character.

Q.11 Accept a start and end range of a character, eg start A end F

Ask user to enter any character between that range

You have to print which character user has not entered

E.g input start A end F entered character by user are BEF o/p ACD

Read a five-letter word into the computer, then encode the word on a letter-by-letter basis by subtracting 30 from the numerical value that is used to represent each letter. Thus if the ASCII character set is being used, the letter a (which is represented by the value 97) would become a C (represented by the value 67), etc.

Q.12 Write out the encoded version of the word. Test the program with the following words: white, roses, Japan, zebra.

Q.13 Suppose you have entered the paragraph as input and used “#” to end the paragraph. now gives the count of occurrence of all alphabets in para from “a” to “z” each alphabet and its occurrence should display as the output

Q.14 You have to write a program to count the number of words in the input. The program should read in the input text till end\_of\_file (EOF) and output the number of words found. A word can be taken to be a sequence of alphanumeric characters terminated by a space or by a newline. Assume that there will not be any characters other than alphanumeric (a-z, A-Z, 0-9) and white spaces (blank, tabs and newlines) in the input.

#### **Input:**

This is a sample line of text

This is another line of text

This line is the 3rd line

This junk line contains 989902 99dsaWjJ8 015

This is the fifth and the last line of input Output: 36

**Input:**

ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789

**Output:**

1

Q.15 Accept an alphabet from user and display next 5 alphabets. E.g. If user enters 'D' then output should be E F G H I. If the character entered is X, then output should be Y Z a b c. ( it should not display non alphabets). If entered character is not an alphabet, display proper error message

Q.16 Write a program to count number of words in a sentence, and the number of sentences.

Where if the input is This is CDAC Centre. I am pursuing DAC.

The output should be: 30 words. 2 sentences.

