## **JAVA PROGRAMMING**

## **ASSIGNMENT-1**

DATE:8/7/2024

1. Write a program to reverse a word using loop? (Not to use inbuilt functions)

Sample Input:

String: TEMPLE

Sample Output:

Reverse String: ELPMET

2. Write a program to convent the given string to integer?

Sample Input:

String: 1234

Sample Output:

Out put String: 1234

3. Write a program to check the entered user name is valid or not. Get both the inputs from the user.

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4. Write a program that would sort a list of names in alphabetical order Ascending or Descending, choice get from the user?

Sample Input:

Banana

Carrot

Radish

Apple

Jack

Order(A/D): A

Sample Output:

Apple

Banana

Carrot

Jack

Radish

5. Write a program to print the special characters separately and print number of Special characters in the line?

6. Write a program to print the number of vowels in the given statement?

Sample Input:

Saveetha School of Engineering

Sample Output:

Number o vowels = 12

```
Montagoro

1 - Import java.util.Scenner;
2 - public class CountingTownix {
3 - public vestex void mainforman {
4 - int count - 0;
5 - system.out.println(Cinter a sentence i?);
6 - System.out.println(Cinter a sentence i?);
7 - String meterice - sceneros(layers);
8 - end of the sentence - sceneros(layers);
9 - end of the sentence - sceneros(layers);
10 - class - sceneros(layers);
11 - if(ch = [a] | ch == [a] | ch
```

7. Write a program to print consonants and vowels separately in the given word

Sample Input:

Given Word: Engineering

Sample Output:

Consonants: n g n r n g

Vowels: e i e ei

8.Write a program that finds whether a given character is present in a string or not. In case it is present it prints the index at which it is present. Do not use built-in find functions to search the character.

Sample Input:

Enter the string: I am a programmer

Enter the character to be searched: p

Sample Output:

P is found in string at index: 8

Note: Check for non available Character in the given statement as Hidden Test case.

9. Write a program to arrange the letters of the word alphabetically in reverse order

Sample Input:

Enter the word: MOSQUE

Sample Output:

Alphabetical Order: USQOME

Test Case:

1. HYPOTHECATION

2. MATRICULATION

3. MANIPULATION

10.Write a program that accepts a string from user and displays the same string after removing vowels from it.

Sample Input & Output:

Enter a string: we can play the game

The string without vowels is: w cn ply thgm