

Object Oriented Programming (Java) Lab (CS 413)

Assignment - 03

Due date: 29.01.2021

1. Write a program that will take five sentences as user input and perform the following analysis
 - (a) Count number of words start with vowels and display them in the following format
Total no. of vowels - X
A – word1,word2,...
E- word1,word2,...
.....
 - (b) Display all numbers present in the sentences in the following format.
Sentence1 – 15, 0.
Sentence2 – NA
Sentence3 – 2001....
2. Design a class Validate. The class will take Name, Date of birth and E-mail id of a student and check the format and display it.

e.g.

Case 1:

Input

\$ java test Rama Yoshi 22/03/2004 rama@xxx.org

Output

\$ First Name: Rama

Last Name: Yoshi

Date of Birth: 22-March-2004

Domain name: xxx.org

Case 2:

Input

\$ java test Rama Yoshi 32/03/2004 rama@xxx

Output

\$ First Name: Rama

Last Name: Yoshi

Date of Birth: Please enter a valid date

Domain name: Please enter a valid mail id

Submit on or before the due date (29.01.2021) by sending the necessary files (program file, input file, output file etc.) to cs312submit@gmail.com in a single mail as a simple attachment.