INDIAN SCHOOL AL GHUBRA

CLASS XI COMPUTER SCIENCE 2023-2024

DATE: 29-05-2023 , MONDAY

LAB ASSIGNMENT 17

Assuming that we have some email addresses in the "username@companyname.com" format, please write program to print the user name of a given email address. Both user names and company names are composed of letters only. If @ and dot (.) characters are not there in the email, display “Invalid email”.

Example:

If the following email address is given as input to the program:

john@google.com

Then, the output of the program should be:

John

LAB ASSIGNMENT 18

Assuming that we have some email addresses in the "username@companyname.com"

format, please write program to print the company name of a given email address. Both user

names and company names are composed of letters only. If @ and dot (.) characters are not there in the email, display “Invalid email”.

Example:

If the following email address is given as input to the program:

john@google.com

Then, the output of the program should be:

google

LAB ASSIGNMENT 19

Cerys Jones is the manager of a shop that sells electrical goods. She is creating a stock control program. Each item of stock will have a ten-character code.

Each code consists of three parts.



WAS123456o, FDG232324e and VAC129222e are valid codes. Write a program to accept the stock code of an item and validate.

LAB ASSIGNMENT 20

The potential of a word is found by adding the ASCII value of the alphabets.

(ASCII values of A to Z are 65 to 90).

**Example:** BALL

Potential = 66 + 65 + 76 + 76 = 283

Write a program that reads a string from the keyboard and find its potential. The string is terminated by either “ . ” , “ ? ” or “ ! ” only. The decoded line must be displayed on the screen.

**Example 1:**

HOW DO YOU DO?

**Word potential : 881**

Example 2:

LOOK BEFORE YOU LEAP.

**Word potential : 1383**

**Example 3:**

**INPUT:** HOW ARE YOU

**OUTPUT:** INVALID