**Validation of an email ID – Write up**

**Project objective:** Write a program to search a string entered by a user from the array of strings.

**Software used:** Spring tool suite IDE

**Steps:**

**Version 1:**

Step 1: Importing the necessary libraries

Step 2: Creating alternate\_email class and main function

Step 3: Generating a regular expression of Mail ID

Step 4: Regular expression (regex) verify against the email that is given as input by the user

Step 5: regex is given to Pattern

Step 6: The user is prompted to enter an email ID and is fed to Matcher to verify with the Pattern

Step 7: If the pattern matches with the user mail ID, it will return true else false

**Version 2:**

Step 1: Importing the necessary libraries

Step 2: Creating Emailvalid class and main function

Step 3: ArrayList is created and a number of mails are stored in the array

Step 4: Email ID is fed into the system by the user when prompted

Step 5: To check all the mail ID for loop is used

Step 6: If the mail ID given by the user matches with the ArrayList, it displays Valid Email ID else Invalid Email ID