**Validation of** **an Email ID**

**Project objective:**

As a developer, write a program to search a string entered by a user from the array of strings.

**Background of the problem statement:**

You have an array of email IDs of employees. As a programmer, write a program to search the email ID entered by a user.

**You must use the following:**

* Eclipse/IntelliJ: An IDE to code the application
* Java: A programming language
* Git: To connect and push files from the local system to GitHub
* GitHub: To store the application code and track its versions
* Core Java concepts: Methods, collections, and strings

**Following requirements should be met:**

* The versions of the code should be tracked on GitHub repositories
* The code should be able to search the required string from the array of strings

**Code:-**

package com.anand.assistedproject.training;

import java.util.ArrayList;

import java.util.List;

import java.util.Scanner;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

public class ValidationOfEmailIdproject {

public static boolean isValidEmail(String email) {

String regex = "^(.+)@(.+)$";

///initialize the Pattern object

Pattern pattern = Pattern.compile(regex);

Matcher matcher = pattern.matcher(email);

return matcher.matches();

}

public static void main(String[] args) {

List<String> emails = new ArrayList<String>();

/// valid email addresses

emails.add("anandputluru@example.com");

emails.add("sai.krishna@example.me.org");

//invalid email addresses

emails.add("aman.example.com");

emails.add("alvida..bob@example.com");

emails.add("alkaida@.example.com");

for (String value : emails) {

System.out.println("The Email address " + value + " is:" + (isValidEmail(value) ? "valid" : "invalid"));

}

System.out.println("ENTER YOUR MAIL TO CHECK :");

try (Scanner sc = new Scanner(System.in)) {

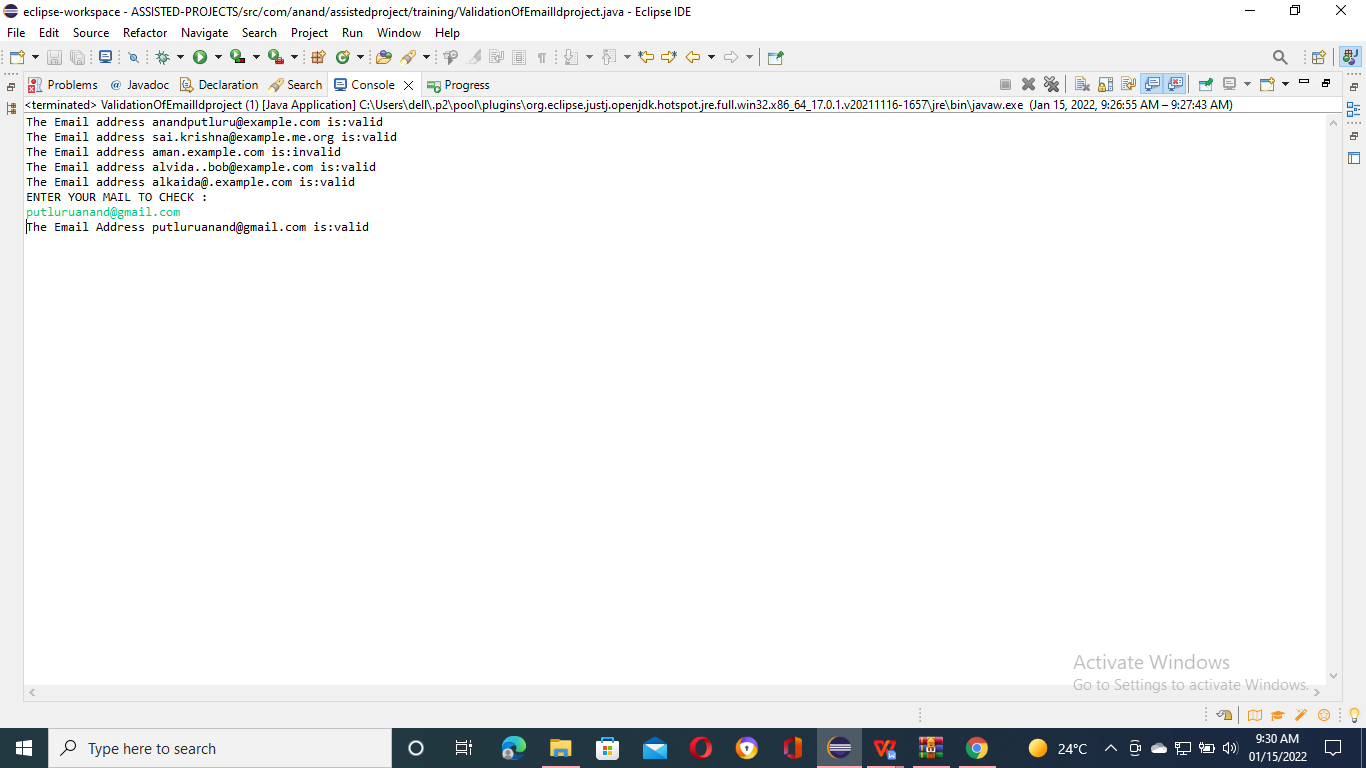
String input = sc.nextLine(); System.out.println("The Email Address " + input + " is:" + (isValidEmail(input) ? "valid" : "invalid"));

}

}

}

**Output:-**

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