code:

package Practiseproject;

import java.awt.List;

import java.util.ArrayList;

import java.util.Scanner;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

public class Emailvalidation {

public static boolean isValidEmail(String email) {

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

Pattern pattern = Pattern.compile(regex);

Matcher matcher = pattern.matcher(email);

return matcher.matches();

}

public static void main(String[] args) {

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

// valid emails

emails.add("arvind@hlc.com");

emails.add("arvindreddy@hlc.com");

emails.add("aru@hlc.me.org");

//invalid emails

emails.add("bro.hlc.com");

emails.add("prubs..ns#hlc.com");

emails.add("@.hlc.com");

for (String value : emails) {

System.out.println("The Email address " + value + " is " +

(isValidEmail(value) ? "valid" : "invalid"));

}

System.out.println("Enter any email address to check");

Scanner sc = new Scanner(System.in);

String input = sc.nextLine();

System.out.println("The Email address " + input + " is " +

(isValidEmail(input) ? "valid" : "invalid"));

}

}

Output:

The Email address arvind@hlc.com is valid

The Email address arvindreddy@hlc.com is valid

The Email address aru@hlc.me.org is valid

The Email address bro.hlc.com is invalid

The Email address prubs..ns#hlc.com is invalid

The Email address @.hlc.com is invalid

Enter any email address to check

kamran@gmail.com

The Email address kamran@gmail.com is valid