package com;

import java.util.ArrayList;

import java.util.List;

import java.util.Scanner;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

public class Validationofemailid {

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("akhil@example.com");

emails.add("akhil@example.me.org");

//invalid email addresses

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

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

emails.add("akhil342 example.com");

for (String value : emails) {

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

"valid" : "invalid"));

}

System.out.println("===============================================");

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"));

}

}

}