package com.simplilearn.demo;

import java.util.ArrayList;

import java.util.regex.Pattern;

import java.util.regex.Matcher;

import java.util.Scanner;

public class EmailValidation {

public static void main(String[] args) {

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

emailID.add("siri@gmail.com");

emailID.add("chamu@gmail.com");

emailID.add("eshu@gmail.com");

emailID.add("vyshu@gmail.com");

emailID.add("akki@gmail.com");

emailID.add("pinky@gmail.com");

emailID.add("pooja@gmail.com");

String searchElement;

System.out.println("E-mail: ");

Scanner scanner = new Scanner(System.in);

searchElement = scanner.nextLine();

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

Matcher matcher = Pattern.compile(regex).matcher(searchElement);

if (matcher.matches() && emailID.stream().anyMatch(mail ->

mail.equals(searchElement))) {

System.out.println(searchElement + " = is present");

}

else {

System.out.println("Not a valid or is not present");

}

}

}