package com.simplilearn.demo;

import java.util.ArrayList;

import java.util.regex.Pattern;

import java.util.regex.Matcher;

import java.util.Scanner;

public class mainclass {

public static void main(String[] args) {

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

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

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

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

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

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

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

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

String searchElement;

System.out.println("scott@gmail.com: ");

try (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");

}

}

}