package emailvalid;

import java.util.ArrayList;

import java.util.regex.Pattern;

import java.util.regex.Matcher;

import java.util.Scanner;

public class Emailvalid {

public static void main(String[] args) {

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

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

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

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

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

String emailFind;

System.out.println("enter the e-mail you want to search: ");

Scanner sc = new Scanner(System.in);

emailFind = sc.nextLine();

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

Matcher matcher = Pattern.compile(regex).matcher(emailFind);if (matcher.matches() && emailID.stream().anyMatch(mail ->

mail.equals(emailFind))) {

System.out.println(emailFind + " exists");

}

else {

System.out.println("please enter a valid email adress");

}

}

}