Source code

package com;

import java.util.\*;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

public class EmailValidation {

public static boolean valid(String search\_email)

{ //For Validating the Email id

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

Pattern pattern=Pattern.compile(regex);

Matcher matcher=pattern.matcher(search\_email);

return matcher.matches();

}

public static void main(String[] args) {

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

//list of emails

email.add("personemail1@email.com");

email.add("personemail2@email.com");

email.add("personemail3@email.com");

email.add("personemail4@email.com");

email.add("personemail5@email.com");

email.add("personemail6@email.com");

email.add("person.mail\*email.com");//invalid email

Scanner sin=new Scanner(System.in);

String search\_email;//user input email ID

int i;

System.out.println("Enter the email to Search : \n");

search\_email=sin.nextLine();

if(valid(search\_email))

{

boolean a=email.contains(search\_email);

if(a)

{

System.out.println(search\_email+" --- found \n");//Email found

}

else

{

System.out.println("Not found \n");//if not found

}

}

else

System.out.println("InValid Email ID.Please Enter a Valid Email Id:\n");

}

}