**Validation of an Email ID**

**write a program to search a string entered by a user from the array of strings.**

**package** email\_ID;

**import** java.util.regex.\*;

**import** java.util.\*;

**public** **class** EmailValidation{

**public** **static** **void** main(String args[]){

ArrayList<String> emails = **new** ArrayList<String>();

emails.add("java@domain.co.in");

emails.add("java@domain.com");

emails.add("java.name@domain.com");

emails.add("java#@domain.co.in");

emails.add("core'java@domain.com");

//Add invalid mails in list

emails.add(".java@yahoo.com");

emails.add("java@domain.com.");

emails.add("java#domain.com");

emails.add("java@domain..com");

//Regular Expression

String regex = "^[a-zA-Z0-9\_!#$%&'\*+/=?`{|}~^-]+(?:\\.[a-zA-Z0-9\_!#$%&'\*+/=?`{|}~^-]+)\*@[a-zA-Z0-9-]+(?:\\.[a-zA-Z0-9-]+)\*$";

//Compile regular expression to get the pattern

Pattern pattern = Pattern.*compile*(regex);

//Iterate mails array list

**for**(String email : emails){

//Create instance of matcher

Matcher matcher = pattern.matcher(email);

System.***out***.println(email +" : "+ matcher.matches()+"\n");

}

}

}