**SOURCE CODE**

**package** project;

**import**java.util.ArrayList;

**import**java.util.List;

**import**java.util.Scanner;

**import**java.util.regex.Matcher;

**import**java.util.regex.Pattern;

**publicclass** Emailvalidationpjt2 {

**publicstaticboolean**isValidEmail(String email) {

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

//initialize the Pattern object

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

Matcher matcher = pattern.matcher(email);

**return**matcher.matches();

}

**publicstaticvoid**main(String[] args) {

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

// valid email addresses

emails.add("srija@email.com");

emails.add("srija2@mail.com");

emails.add("srija3@email.org.in");

//invalid email addresses

emails.add("anana.srija.com");

emails.add("bnabna..abb@example.com");

emails.add("aaaaaaa@.example.com");

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

System.***out***.println("The Email address " + value + " is " + (*isValidEmail*(value) ?"valid" :"invalid"));

}

System.***out***.println("Enter any email address to check");

Scanner sc = **new**Scanner(System.***in***);

String input = sc.nextLine();

System.***out***.println("The Email address " + input + " is " + (*isValidEmail*(input) ?"valid" :"invalid"));

}

}