

SOURCE CODE

EMAIL VALID_INVALID

```
package com.chandana;

import java.util.ArrayList;
import java.util.List;
import java.util.Scanner;
import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class Email_valid_invalid {

    public static boolean isValidEmail(String email) {

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

        //initialize the Pattern object

        Pattern pattern = Pattern.compile(regex);

        Matcher matcher = pattern.matcher(email);

        return matcher.matches();

    }

    public static void main(String[] args) {

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

        // valid email addresses

        emails.add("chandana@gmail.com");
        emails.add("praveena@example.com");
        emails.add("bujji@example.me.org");

        //invalid email addresses

        emails.add("lakshmi.example.com");
        emails.add("@sudha..drexample.com");
        emails.add("mounika.ex.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"));  
    }  
}
```