package Validation\_emailid;  
import java.util.ArrayList;  
import java.util.List;  
import java.util.Scanner;  
import java.util.regex.Matcher;  
import java.util.regex.Pattern;  
public class ValidationOfEmailIdproject {  
 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("[pavan@example.com](mailto:pavan@example.com)");  
   
 emails.add("[pavan.subba@example.me.org](mailto:pavan.subba@example.me.org)");  
 //invalid email addresses  
 emails.add("[pavan.example.com](http://pavan.example.com/)");  
   
 emails.add("myname is..[pavanexample.com](http://pavanexample.com/)");  
   
 emails.add("abcdefg1234 [example.com](http://example.com/)");  
 for (String value : emails) {  
 System.out.println("The Email address " + value + " is:" + (isValidEmail(value) ?  
"valid" : "invalid"));  
 }  
 System.out.println("ENTER YOUR MAIL TO CHECK VALID OR NOT:");  
 try (Scanner sc = new Scanner(System.in)) {  
String input = sc.nextLine();  
System.out.println("The Email Address " + input + " is:" + (isValidEmail(input) ? "valid" : "invalid"));  
}  
   
 }  
   
}