**package** sample1;

**import** java.util.ArrayList;

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

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

**import** java.util.Scanner;

**public** **class** Email {

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

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

emailID.add("siri@gmail.com");

emailID.add("reshmi@gmail.com");

emailID.add("siva@gmail.com");

emailID.add("karthik@gmail.com");

emailID.add("vinny@gmail.com");

emailID.add("nisha@gmail.com");

emailID.add("maggi@gmail.com");

String searchElement;

System.***out***.println("E-mail: ");

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

searchElement = scanner.nextLine();

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

Matcher matcher = Pattern.*compile*(regex).matcher(searchElement);

**if** (matcher.matches() && emailID.stream().anyMatch(mail ->

mail.equals(searchElement))) {

System.***out***.println(searchElement + " = is present");

}

**else** {

System.***out***.println("Not a valid or is not present");

}

}

}