**Algorithm:**

1. Import java.util.\*
2. Class main
3. Void main
4. Scanner = sc
5. Print enter the email.ID
6. Declaring the string email=sc
7. Import arraylist as al
8. Adding email ID
9. If(al.contains(email))
10. Print email available
11. Else
12. Print email unavailable

**Core Concepts:**

* Methods: A method is a block of code which only runs when it is called. You can pass data, known as parameters, into a method. Methods are used to perform certain actions, and they are also known as functions.
* Collections: The **Collection in Java** is a framework that provides an architecture to store and manipulate the group of objects. Java Collections can achieve all the operations that you perform on a data such as searching, sorting, insertion, manipulation, and deletion. Java Collection means a single unit of objects. Java Collection framework provides many interfaces (Set, List, Queue, Deque) and classes ([ArrayList](https://www.javatpoint.com/java-arraylist), Vector, [LinkedList](https://www.javatpoint.com/java-linkedlist), [PriorityQueue](https://www.javatpoint.com/java-priorityqueue), HashSet, LinkedHashSet, TreeSet).
* Strings: Strings are which are widely used in Java programming, are a sequence of characters. In the Java programming language, strings are objects. The Java platform provides the String class to create and manipulate strings.