

Email Id Validation

```
//imported arrayList Collection here

package emailValidation;

import java.util.ArrayList;
import java.util.Scanner;

//Class to store all the email id at one seperate place
class Emails{

    //boolean return type method to check if conatins specific string or not
    public boolean EmailData(String str)
    {

        //arraylist to store all the email id's
        ArrayList<String> EmailId=new ArrayList<String>();

        EmailId.add("alex@gmail.com");
        EmailId.add("karan@gmail.com");
        EmailId.add("david123@gmail.com");
        EmailId.add("jeffbezos@gmail.com");
        EmailId.add("elonmuskmars@gmail.com");
        EmailId.add("billgates@gmail.com");

        //used .contains method to check the string in arraylist
        boolean ans = EmailId.contains(str);

        //returning boolean to the main function
        return ans;
    }
}

public class EmailValidate {

    public static void main(String[] args)

    {
```

```

Scanner sc = new Scanner(System.in);
System.out.println("Enter Email id.");
String email = sc.nextLine();

//creating obj of Class Emails
Emails obj = new Emails();

//passing the string to the Email class to check if its present in database or not
//output based on the return type.
if(obj.EmailData(email)==true)
{
    System.out.println("YES Email id "+email+" is AVAILABLE in the Database.");
}
else
{
    System.out.println("NO Email id "+email+" is NOT available in the
Database.");
}
}
}

```