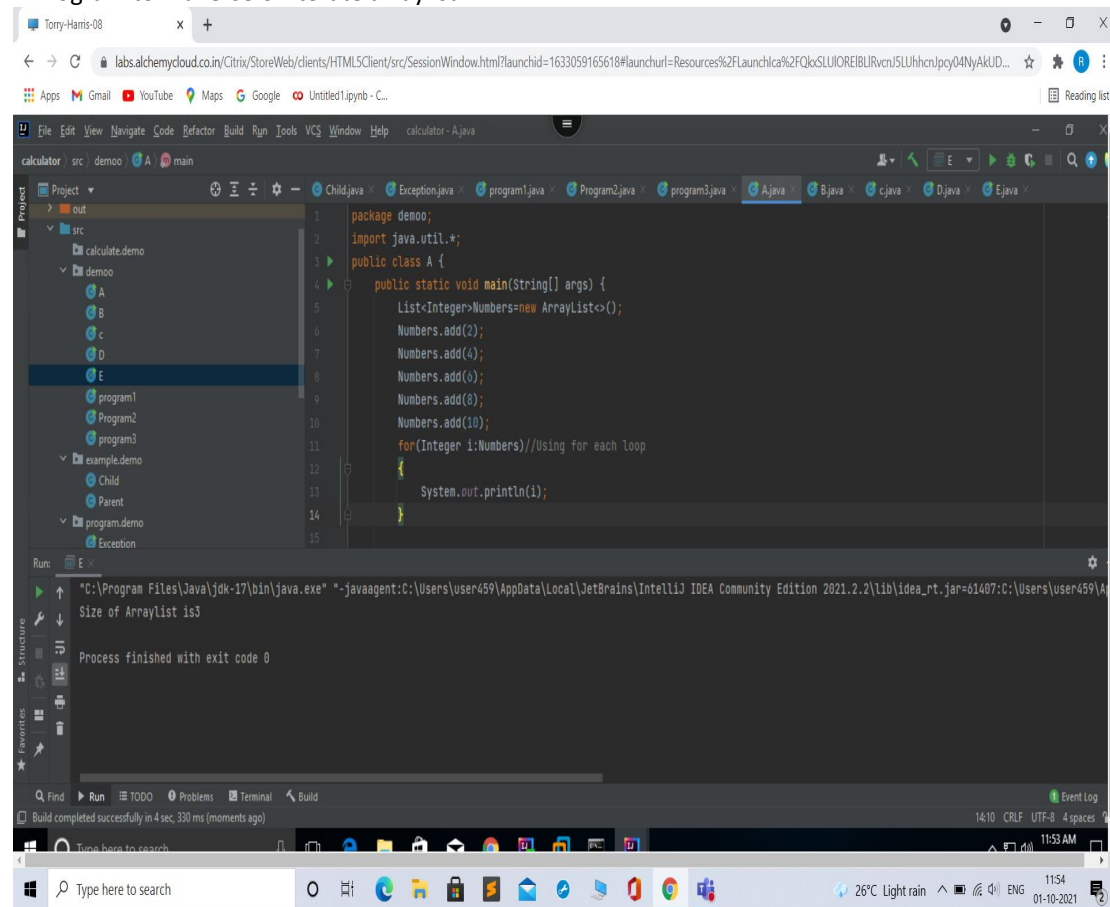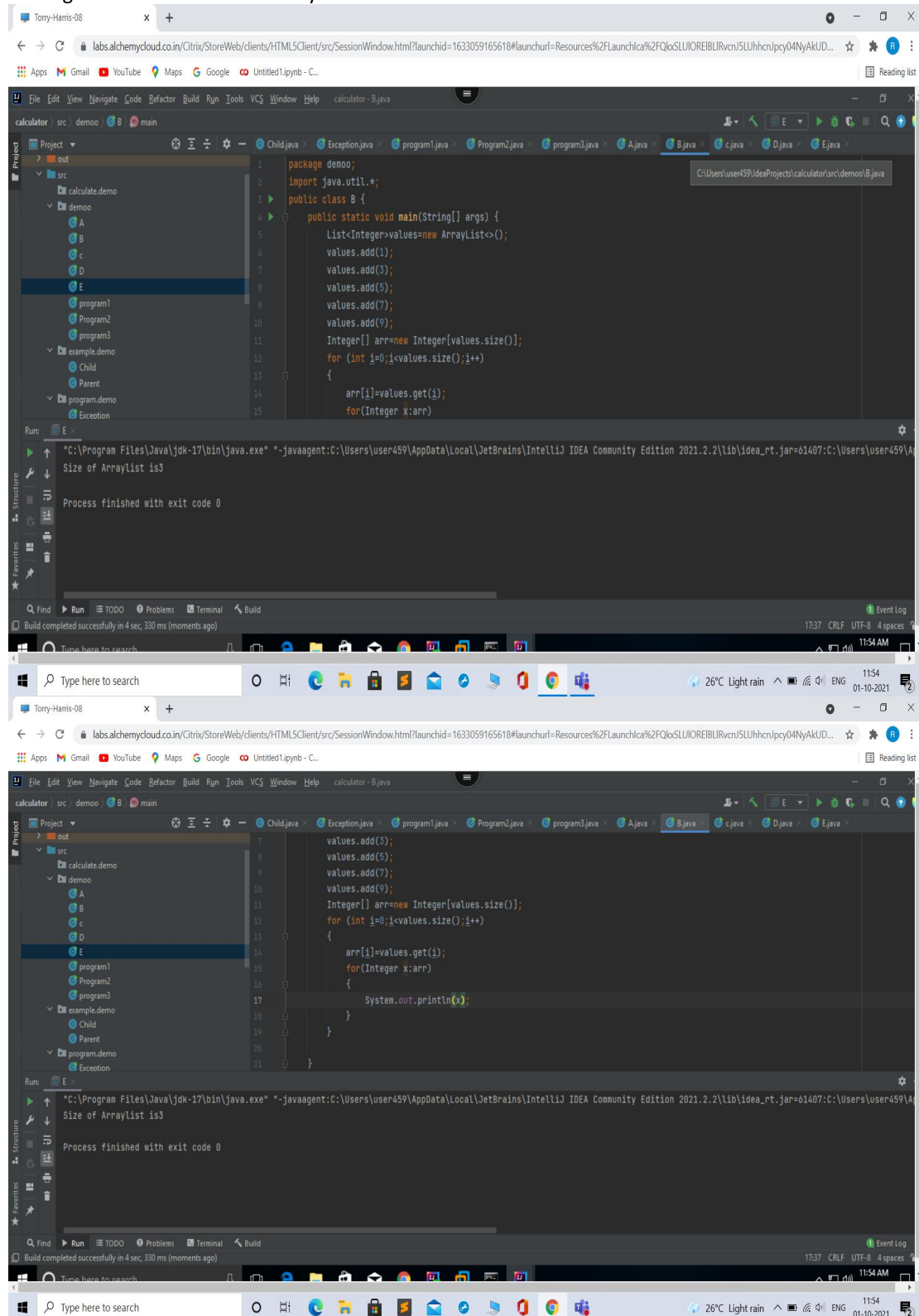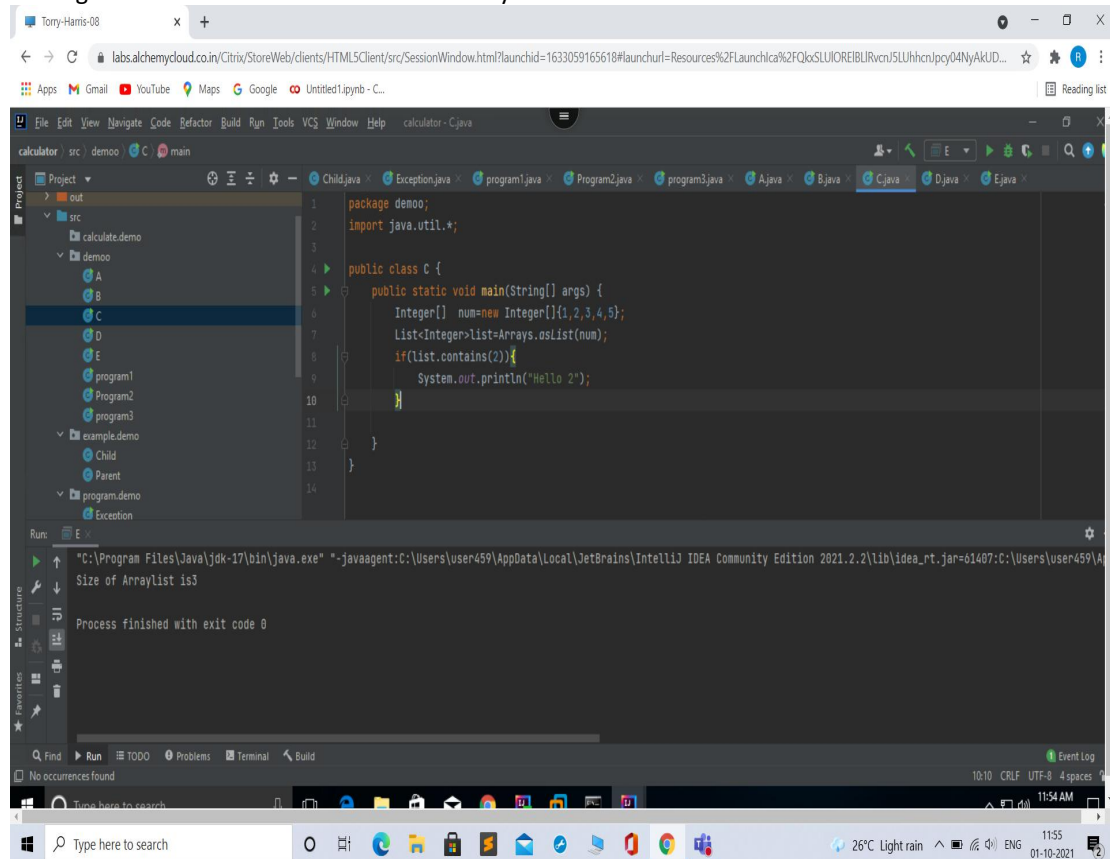1.Program to Traverse or Iterate arraylist

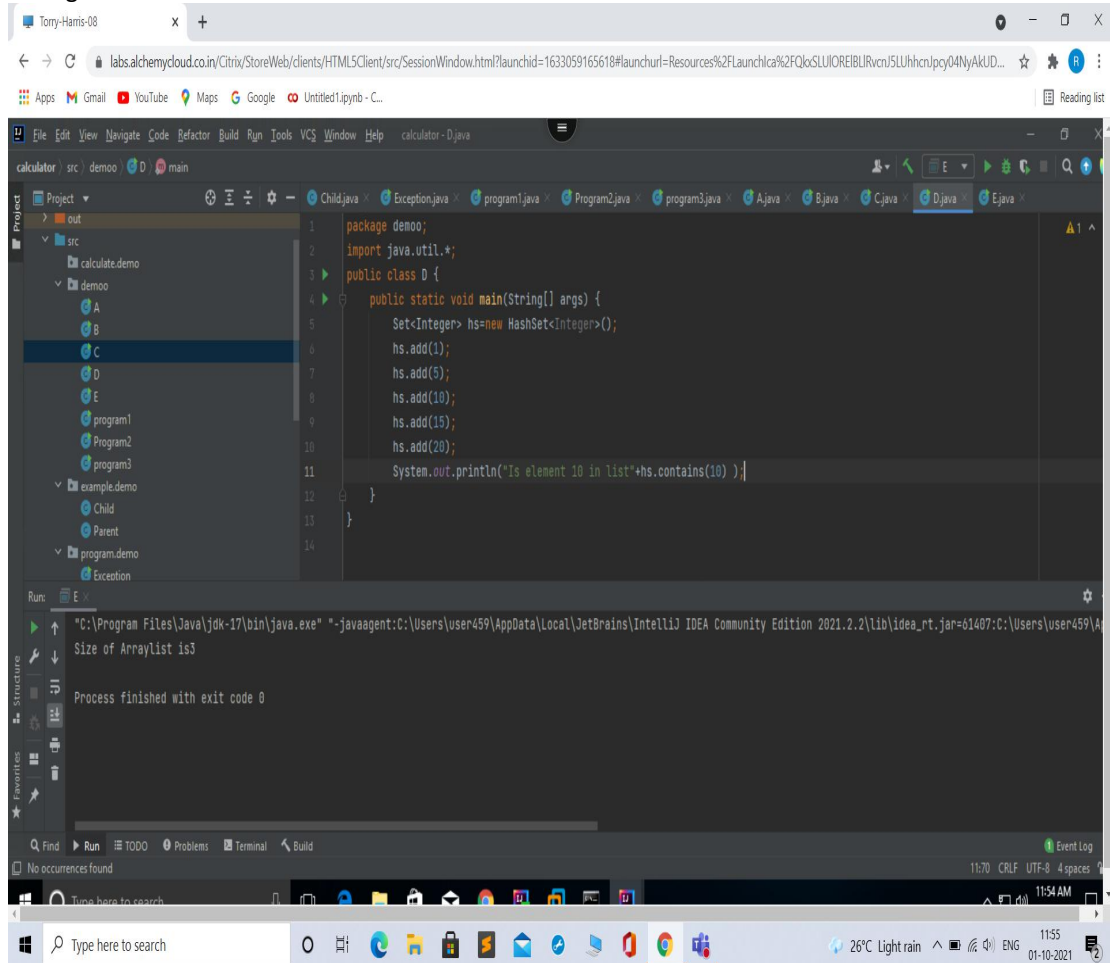2. Program to convert List to array

3. Program to check if elements exists in arraylist


```java
package demoo;
import java.util.*;


public class C {
    public static void main(String[] args) {
        Integer[] num=new Integer[]{1,2,3,4,5};
        List<Integer>list=Arrays.asList(num);
        if(list.contains(2)){
            System.out.println("Hello 2");
        }

    }
}
```

```
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Users\user459\AppData\Local\JetBrains\IntelliJ IDEA Community Edition 2021.2.2\lib\idea_rt.jar=61407:C:\Users\user459\Ap
Size of Arraylist is3


Process finished with exit code 0
```

4.Program to check if elements exists in hashset


```java
package demoo;
import java.util.*;
public class D {
    public static void main(String[] args) {
        Set<Integer> hs=new HashSet<Integer>();
        hs.add(1);
        hs.add(5);
        hs.add(10);
        hs.add(15);
        hs.add(20);
        System.out.println("Is element 10 in list"+hs.contains(10) );
    }
}
```

```
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Users\user459\AppData\Local\JetBrains\IntelliJ IDEA Community Edition 2021.2.2\lib\idea_rt.jar=61407:C:\Users\user459\Ap
Size of Arraylist is3

Process finished with exit code 0
```

5.Program to find length of arraylist