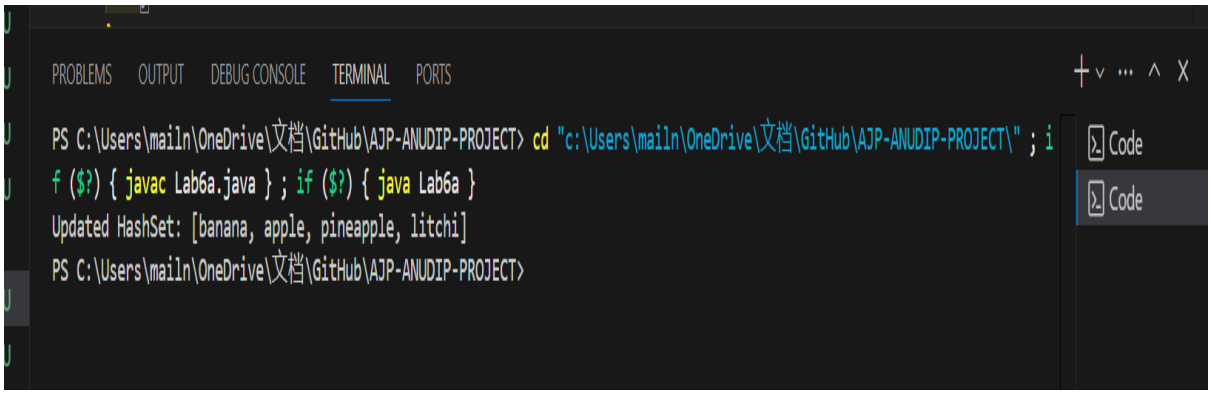
LAB-6

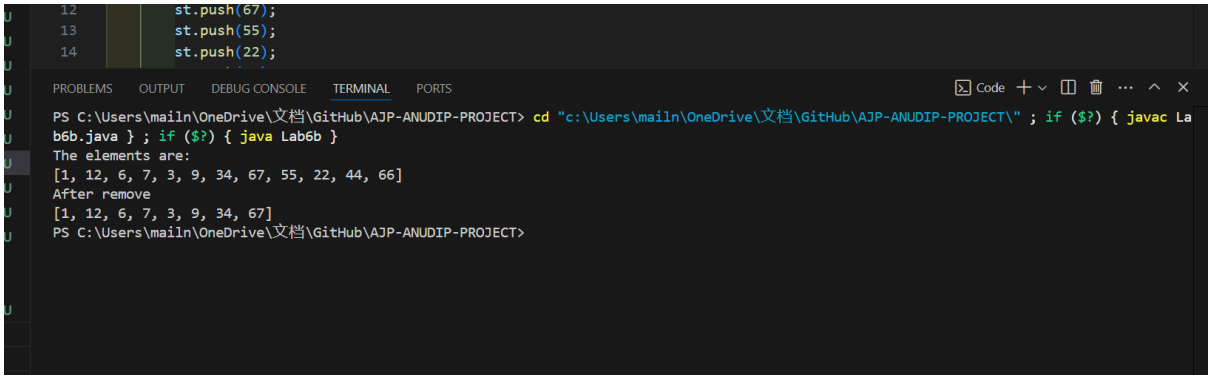
1.Write a Java program to append the specified element to the end of a HashSet.

```
import java.util.HashSet;


public class Lab6a{
    public static void main(String[] args){
        HashSet<String> hs=new HashSet<>();
        hs.add("apple");
        hs.add("banana");
        hs.add("pineapple");

        String elementToAppend = "litchi";
        hs.add(elementToAppend);
        System.out.println("Updated HashSet: "+hs);

    }
}
```



2.Write a program to declare stack.Store 10 elements into it.Remove 4 elements from stack and display it.

```
import java.util.*;
public class Lab6b{
   public static void main(String[] args){
      Stack<Integer> st=new Stack<Integer>();
      st.push(1);
      st.push(12);
      st.push(6);
      st.push(7);
      st.push(3);
      st.push(9);
      st.push(34);
      st.push(67);
      st.push(55);
      st.push(22);
      st.push(44);
      st.push(66);
      System.out.println("The elements are: ");
      System.out.println(st);
      st.pop();
      st.pop();
      st.pop();
      st.pop();
      System.out.println("After remove");
      System.out.println(st);
   }}
```


st.push(67);
st.push(55);
st.push(22);
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
PS C:\Users\mailn\OneDrive\文档\GitHub\AJP-ANUDIP-PROJECT> cd "c:\Users\mailn\OneDrive\文档\GitHub\AJP-ANUDIP-PROJECT\" ; if ($?) { javac Lab6b.java } ; if ($?) { java Lab6b }
The elements are:
[1, 12, 6, 7, 3, 9, 34, 67, 55, 22, 44, 66]
After remove
[1, 12, 6, 7, 3, 9, 34, 67]
PS C:\Users\mailn\OneDrive\文档\GitHub\AJP-ANUDIP-PROJECT>