Symbol Balancer Demo

Start with text that contains delimiters:
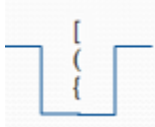
```
public class Hello {
    public static void main(String[] args) {
        System.out.println(hello());
    }
    static String hello() {
        return "Hello World!";
    }
}
```

The delimiters are { }, ( ), [ ]. Since the procedure ignores characters that are not delimiters, for the demo we remove all such characters. We are left with the following:

{ ([ ]) { (( )) } ( ) { } }

Carry out the procedure:

push {, push (, push [

read] and pop [(match)
read) and pop ((match)

push {, push (, push (

read) and pop ((match)
read) and pop ((match)
read } and pop { (match)

push (

read) and pop ((match)

push {

read } and pop { (match)

read } and pop { (match)