3. Valid Parentheses

Given a string s containing just the characters '(', ')', '{', '}', '[' and ']', determine if the input string is valid.

Example: Input: s = "{[()]}[()]{[]}" Output: true

Code

```java
class Solution {
    public boolean isValid(String s) {
        Stack<String> ss=new Stack();
        int i;
        for(i=0;i<s.length();i++){
            char c=s.charAt(i);
            int f=0;
            switch (c){
                case '(':ss.push(""+c);break;
                case '{':ss.push(""+c);break;
                case '[':ss.push(""+c);break;
                case ')':if(ss.isEmpty()||!ss.pop().equals("("))f=1;break;
                case '}':if(ss.isEmpty()||!ss.pop().equals("{"))f=1;break;
                case ']':if(ss.isEmpty()||!ss.pop().equals("["))f=1;break;
            }
            if(f==1)break;
        }
        if(i<s.length()||!ss.isEmpty())return false;
        return true;
    }
}
```