Minimum Bracket Reversal ->

() () => (()) ← Balanced

)(((=> ()((← Unbalanced

S =)(())(((
0 1 2 3 4 5 6 7

↳ ((())())

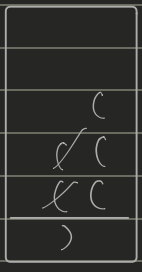
① -> Same Character => ((-> () -> count = 1

② -> Diff ->)(=> () -> count = 2

S-1 -> find valid Paranthesis logic & Remove that pairs

S-2 -> if stack is non-empty -> we will try to find reversal count.

i/p -> S =>)(())(((-> even
0 1 2 3 4 5 6 7

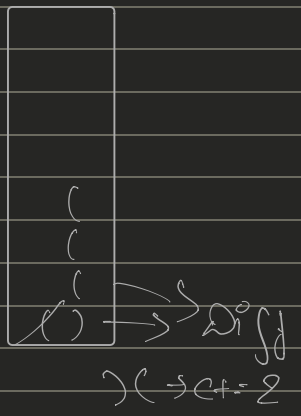


if (ch == '(')
push
else {
if (s.empty == 0 && st.top() == '(')
st.pop()
} else
st.push(ch)

((-> can we Pair yes -> ct += 1
)(-> count += 2

Ex 2 ->)) (((
0 1 2 3 4 5

) -> ct += 1



Total Count = 3