# CP Club 365 Days Challenge

<u>**Programming language – Any language**</u>

# Problem Statement

https://www.hackerrank.com/challenges/balanced-brackets/problem?isFullScreen=true

**Your Code**:

```python
def isBalanced(s):
    # Write your code here
    a = [0]

    for i in s:
        if a[-1] == '(' and i == ')':
            a.pop()
        elif a[-1] == '[' and i == ']':
            a.pop()
        elif a[-1] == '{' and i == '}':
            a.pop()
        else:
            a.append(i)

    if a[-1] == 0:
        return 'YES'
    return "NO"
```

**Output (Screen Shot)**:

**Understanding about problem:**

in this program we are putting all the opening brackets in the stack and comparing it with the closing brackets. And then perform search operation ad if it holds pop then it will continue the iteration and if at the end if the stack is empty then it will

be correct. If the current char is opening then push in the stack and if it is closing then pop. Else brackets are not balanced. And this how we will perform traversing.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

# ALL THE BEST
Team CP Club