**REGNO:** 1518102068

**DATE:** 23.11.2020

**EX NO:** 14

**Aim:**

Write a Python class to find validity of a string of parentheses, '(', ')', '{', '}', '[' and ']. These brackets must be close in the correct order

**Program:**

class validity:

def f(str):

a=['()','{}','[]']

while any(i in str for i in a):

for j in a:

str=str.replace(j,'')

return not str

s=input()

if(validity.f(s)):

print("Valid")

else:

print("invalid")

**LINK:** <http://103.53.53.18/mod/vpl/forms/submissionview.php?id=327&userid=1683>

**Output:**



**Result:**

A python class is written to find validity of a string of parentheses, '(', ')', '{', '}', '[' and ']. These brackets must be close in the correct order