Daily interview pro problems:

1. Imagine you are building a compiler. Before running any code, the compiler must check that the parentheses in the program are balanced. Every opening bracket must have a corresponding closing bracket. We can approximate this using strings.

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

An input string is valid if:

- Open brackets are closed by the same type of brackets.

- Open brackets are closed in the correct order.

- Note that an empty string is also considered valid.

**def validPar(s):**

**left\_chars = []**

**lookup = { '(':')', '[':']', '{':'}'}**

**for c in s:**

**if c in lookup:**

**left\_chars.append(c)**

**elif not left\_chars or lookup[left\_chars.pop()]!= c:**

**return False**

**return not left\_chars**

**print(validPar('({[)]'))**