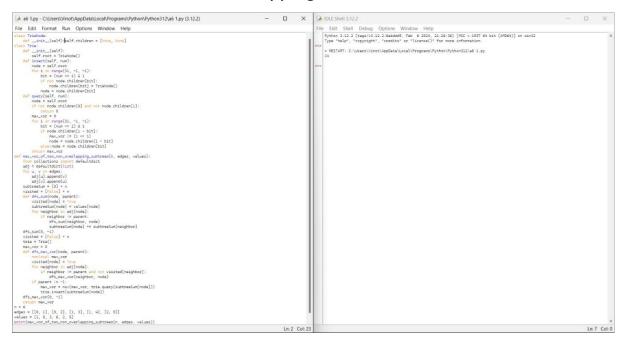
# 1. Maximum XOR of Two-Overlapping Subtrees



### 2. Form a Chemical Bond

```
import sqlite3
conn = sqlite3.connect(':memory:')
cur = conn.cursor()
cur = cursor()
cur = conn.cursor()
cur = conn.curso
```

#### 3. Minimum Cuts to Divide a circle

#### 4. Difference Between Ones and Zeros in Row and Column

```
Python 3.12.2 (tags/v3.12.2:6abddd9, Feb 6 2024, 21:26:36) [MSC v.1937 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.
      difference_ones_zeros(matrix):
rows = len(matrix)
cols = len(matrix[0]) if rows > 0 else 0
       row_diff = [0] * rows
col_diff = [0] * cols
                                                                                                                                                                                                   = RESTART: C:/DAA/Difference Between ones and Zeros.pv
      for i in range(rows):
    ones = sum(matrix[i])
    zeros = cols - ones
    row_diff[i] = ones - zeros
      for j in range(cols):
   ones = sum(matrix[i][j] for i in range(rows))
   zeros = rows - ones
   col_diff[j] = ones - zeros
      result = [[0] * cols for _ in range(rows)]
      for i in range(rows):
    for j in range(cols):
        result[i][j] = row_diff[i] + col_diff[j]
 return result

matrix = [

  [0, 1, 1],

  [1, 0, 1],

  [0, 0, 1]
result = difference_ones_zeros(matrix)
for row in result:
    print(row)
```

# 5. Minimum Penalty for a shop

```
Python 3.12.2 (tags/v3.12.2:6abddd9, Feb 6 2024, 21:26:36) [MSC v.1937 64 bit (AMD64)]
                                                                                    on win32
Type "help", "copyright", "credits" or "license()" for more information.
                                                                                    = RESTART: C:/DAA/Difference Between Ones and Zeros in Row and Column.py
result = min_penalty_closing_time(customers)
print(result)
```

# 6. Count Palindromic Sequence

```
Python 3.12.2 (tags/v3.12.2:6abddd9, Feb 6 2024, 21:26:36) [MSC v.1937 64 bit (AMD64)]
                                                                                                      on win32
Type "help", "copyright", "credits" or "license()" for more information.
                                                                                                  --rgraymc, "credits" or "license.
= RESTART: C:/DAA/Count Palindromic Sequence.py
21
count %= MOD

return count

s = "0000000"

print(count_palindromic_subsequences(s))
```

### 7. Find the Pivot Element

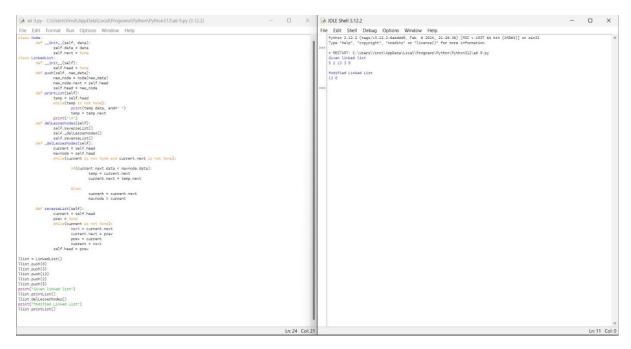
```
find_pivot_integer(n):
total_sum = n * (n + 1) // 2
left_sum = 0
for x in range(1, n + 1):
left_sum += x
right_sum = total_sum - left_sum + x
if_left_sum == right_sum:
return x
                                                                                                                                                                                                                                             Python 3.12.2 (tags/v3.12.2:6abddd9, Feb 6 2024, 21:26:36) [MSC v.1937 64 bit (AMD64)] a on win32
Type "help", "copyright", "credits" or "license()" for more information.
n = 8
pivot_integer = find_pivot_integer(n)
print(pivot_integer)
```

## 8. Append Characters to string to make Sequence

```
def min_chars to append(s, t):
    s len = len(s)
    t_len = len(t)
    s_index = 0
    t_index = 0
    t_index = 0
    t_index = s_index < s_len and t index < t_len:
        if s[s_index] == t[t_index]:
        t_lindex = 1
        s_index = 1
        return t_len - t_lendex
    s = "shode"
    t = "s"
    print(min_chars_to_append(s, t))</pre>

    python 3.12.2 (tags/v3.12.2:6abddd9, Feb 6 2024, 21:26:36) [MSC v.1937 64 bit (AMD64)] *
    owinies
    index = 0
    t_index = 0
    t_index = 0
    t_index = 1
    return t_len - t_index
    s = "shode"
    t = "s"
    print(min_chars_to_append(s, t))
```

### 9. Remove Nodes from Linked List



# 10.Count Subarrays with Median K

```
def count subarrays with median k(nums, k):
    n = len(nums)
    n = len(nums)
    k index e nums.index(k)
    balance = 0
    result = 0
    result = 0
    result = 0
    result = 0 lelif nums(i] > k:
        balance = 1
    elif nums(i] > k:
        balance dict(balance) += 1
    else = 0
    for i in range (kindex, n):
        if in mums(i] > k:
        balance = 0
    for i in range (kindex, n):
        if nums(i] > k:
        balance = 1
    elif nums(i] > k:
        balance = 0
    for i in range (kindex, n):
        if nums(i] > k:
        balance = 1
    elif nums(i] > k:
    balance = 0
    for i in range (kindex, n):
    if nums(i] > k:
    balance = 0
    for i in range (kindex, n):
    if nums(i] > k:
    balance = 0
    for i in range (kindex, n):
    if nums(i] > k:
    balance = 0
    for i in range (kindex, n):
    if nums(i] > k:
    balance = 0
    for i in range (kindex, n):
    if nums(i] > k:
    balance = 0
    for i in range (kindex, n):
    if nums(i] > k:
    balance = 0
    for i in range (kindex, n):
    if nums(i] > k:
    balance = 0
    for i in range (kindex, n):
    if nums(i) < k:
    balance = 0
    for in range (kindex, n):
    if nums(i) > k:
    balance = 0
    for in range (kindex, n):
    if nums(i) > k:
    balance = 0
    for in range (kindex, n):
    if nums(i) > k:
    for in range (kindex, n):
    if nu
```