1. Maximum XOR of Two Non-Overlapping Subtrees

```
| In tity - Column Description Window Help

| International Class TemeRole (self, rule), left=Worse, right=Worse):
| Self. List | List
```

2. Form a Chemical Bond

```
🔒 2nd 11.py - C:\Users\Dharani M\AppData\Local\Programs\Python\Python312\2nd 11.py (3.12.3)
```

```
File Edit Format Run Options Window Help

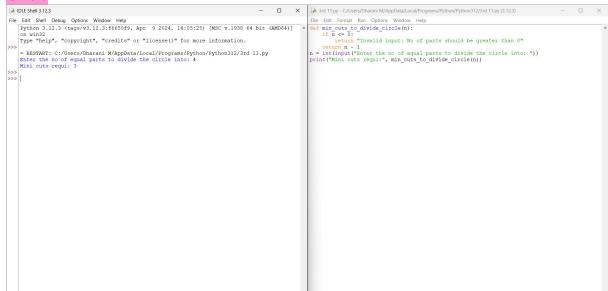
from tabulate import tabulate
chemical_elements = {
    "H": {"name": "Hydrogen"},
    "He": {"name": "Helium"},
    "Li": {"name": "Lithium"},
    "Be": {"name": "Beryllium"},
    "B": {"name": "Boron"},
}

def create_element table(elements):
    table = [["Symbol", "Name"]]
    for symbol, info in elements.items():
        table.append([symbol, info["name"]])
    return table

print(tabulate(create_element_table(chemical_elements), headers="firstrow", tablefmt="grid"))
```

3. Minimum Cuts to Divide a

Circle



4. Difference Between Ones and Zeros in Row and

Column

```
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Fython 312.3 (tags/v3.12.3 tags/v3.12.3 tags
```

5. Minimum Penalty for a

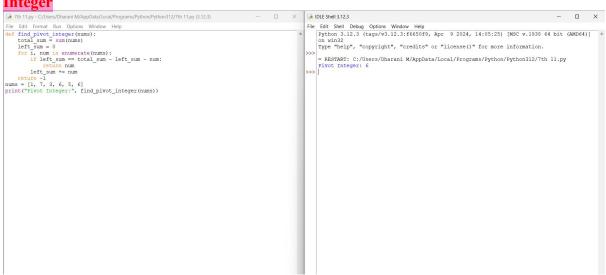
Shop

6. Count Palindromic

Subsequences

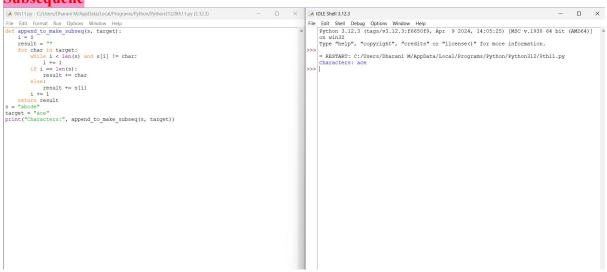
7. Find the Pivot

Integer



8. Append Characters to String to Make

Subsequene



9. Remove Nodes From Linked

List

🔒 9th 11.py - C:/Users/Dharani M/AppData/Local/Programs/Python/Python312/9th 11.py (3.12.3)

```
File Edit Format Run Options Window Help
```

```
class ListNode:
   def init (self, value=0, next=None):
        self.value = value
        self.next = next
def removeNodes (head, val):
   dummy = ListNode(0)
   dummy.next = head
   current = dummy
   while current.next:
        if current.next.value == val:
            current.next = current.next.next
       else:
           current = current.next
   return dummy.next
def printList(head):
   while head:
        print(head.value, end=" -> ")
        head = head.next
   print ("None")
def createLinkedList(values):
   if not values:
       return None
   head = ListNode(values[0])
   current = head
   for value in values[1:]:
        current.next = ListNode(value)
        current = current.next
   return head
values = [1, 2, 6, 3, 4, 5, 6]
head = createLinkedList(values)
print("Original list:")
printList(head)
head = removeNodes(head, 6)
print("List after removing 6:")
printList(head)
```

10. Count Subarrays With Median

Kds