WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

Not secure 118.185.187.137/moodle/mod/quiz/review.php?attempt=158490&cmid=1393

RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

Answer: (penalty regime: 0 %)

Reset answer

Ace editor not ready. Perhaps reload page?
Falling back to raw text area.

```
def search(nums,target):
    l,r=0,len(nums)-1
    while l<=r:
        m=l+(r-l)//2
        if nums[m]==target:
            return m
        elif nums[m]<target:
            l=m+1
        else:
            r=m-1
    return -1
```

	Test	Expected	Got	
✔	print(search([-1,0,3,5,9,12],9))	4	4	✔
✔	print(search([-1,0,3,5,9,12],2))	-1	-1	✔

Passed all tests! ✔

Type here to search

EUR/INR -0.37% ENG 16:04 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

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RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

```
def fun(n,arr,k):
    seen=set()
    for num in arr:
        if (k-num)in seen:
            return "Yes"
        seen.add(num)
    return "No"
n=int(input())
arr=list(map(int,input().split()))
k=int(input())
print(fun(n,arr,k))
```

	Input	Expected	Got	
✔	5 8 9 12 15 3 11	Yes	Yes	✔
✔	6 2 9 21 32 43 43 1 4	No	No	✔
✔	6 13 42 31 4 8 9 17	Yes	Yes	✔

Passed all tests! ✔

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EUR/INR -0.37% ENG 16:05 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

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RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

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Falling back to raw text area.

```
def fun(s1,s2,n):
    res=[]
    seen=set()
    for char in s1:
        if char in s2 and char not in seen:
            res.append(char)
            seen.add(char)
        if len(res)==n:
            break
    return ''.join(res)
s1=input()
s2=input()
n=int(input())
print(fun(s1,s2,n))
```

	Input	Expected	Got	
✔	abcbde cdefghbh 3	bcd	bcd	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Type here to search

Air: Moderate ENG 16:05 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

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RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

Answer: (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?
Falling back to raw text area.

```
def isPalindrome(word):
    i=0
    j=len(word)-1
    while i<j:
        if word[i]!=word[j]:
            return False
        i+=1
        j-=1
    return True
words=input().lower().split(" ")
for word in words:
    if not isPalindrome(word):
        print(word,end=" ")
```

	Input	Expected	Got	
✔	Malayalam is my mother tongue	is my mother tongue	is my mother tongue	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Type here to search

Air: Moderate ENG 16:06 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

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RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

Ace editor not ready. Perhaps reload page?

Falling back to raw text area.

```
def searchMatrix(m,t):
    if not m or not m[0]:
        return False
    r,c=len(m),len(m[0])
    l,r=0,r*c-1
    while l<=r:
        mid=(l+r)//2
        mid1=m[mid//c][mid%c]
        if mid1==t:
            return True
        elif mid1<t:
            l=mid+1
        else:
            r=mid-1
    return False
```

	Test	Expected	Got	
✔	print(searchMatrix([[1,3,5,7],[10,11,16,20],[23,30,34,60]], 13))	False	False	✔
✔	print(searchMatrix([[1,3,5,7],[10,11,16,20],[23,30,34,60]], 3))	True	True	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Type here to search

Rain tomorrow

ENG 16:06 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

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RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

Reset answer

Ace editor not ready. Perhaps reload page?
Falling back to raw text area.

```
def BalancedStrings(s):
    b=0
    c=0
    for char in s:
        if char=='L':
            b+=1
        else:
            b-=1
        if b==0:
            c+=1
    return c
```

	Test	Expected	Got	
✔	print(BalancedStrings('RLRRLLRLRL'))	4	4	✔
✔	print(BalancedStrings('RLLLLRRRLR'))	3	3	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Type here to search

Rain tomorrow

ENG 16:07 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

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RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

Answer: (penalty regime: 0 %)

```
def find(n,arr):
    peaks=[]
    for i in range(n):
        if i==0:
            if n==1 or arr[i]>=arr[i+1]:
                peaks.append(arr[i])
        elif i==n-1:
            if arr[i]>=arr[i-1]:
                peaks.append(arr[i])
        else:
            if arr[i]>=arr[i-1] and arr[i]>=arr[i+1]:
                peaks.append(arr[i])
    return peaks
n=int(input())
arr=list(map(int,input().split()))
peaks=find(n,arr)
print(" ".join(map(str,peaks)))
```

	Input	Expected	Got	
✔	7 15 7 10 8 9 4 6	15 10 9 6	15 10 9 6	✔
✔	4 12 3 6 8	12 8	12 8	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

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Rain tomorrow

ENG 16:07 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

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RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

Sample Output 1

xpri

Answer: (penalty regime: 0 %)

```
def remove(s1,s2):
    res=''.join([char for char in s1 if char not in s2])
    return res
s1=input()
s2=input()
print(remove(s1,s2))

```

	Input	Expected	Got	
✔	experience enc	xpri	xpri	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

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29°C Haze ENG 16:07 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

Not secure 118.185.187.137/moodle/mod/quiz/review.php?attempt=158490&cmid=1393

RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

```
def missingNumber(nums):
    n=len(nums)
    s=n*(n+1)//2
    s1=sum(nums)
    return s-s1

```

	Test	Expected	Got	
✔	print(missingNumber([3,0,1]))	2	2	✔
✔	print(missingNumber([0,1]))	2	2	✔
✔	print(missingNumber([9,6,4,1,3,5,7,0,1]))	8	8	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

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29°C Haze ENG 16:08 11-11-2024

WEEK-10-CODING-Linear and Binary: Attempt review - Google Chrome

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RAJALAKSHMI ENGINEERING COLLEGE REC-OCATS-1

Answer: (penalty regime: 0 %)

```
def search(arr,t):
    arr.sort()
    l,r=0,len(arr)-1
    while l<=r:
        m=(l+r)//2
        if arr[m]==t:
            return True
        elif arr[m]<t:
            l=m+1
        else:
            r=m-1
    return False
arr=list(map(int,input().split(',')))
t=int(input())
print(search(arr,t))
```

	Input	Expected	Got	
✔	1,2,3,5,8 6	False	False	✔
✔	3,5,9,45,42 42	True	True	✔
✔	52,45,89,43,11 11	True	True	✔

Passed all tests! ✔

Type here to search

29°C Haze ENG 16:08 11-11-2024