You are taking "Quiz" as a timed exam. The timer on the right shows the time remaining in the exam. To receive credit for problems, you must select "Submit" for each problem before you select "End My Exam".

结束我的考试 1:09:06

Problem 4

Problem 4

20.0/20.0 points (graded)

Consider a list of positive (there is at least one positive) and negative numbers. You are asked to find the maximum sum of a contiguous subsequence. For example,

- in the list [3, 4, -1, 5, -4], the maximum sum is 3+4-1+5 = 11
- in the list [3, 4, -8, 15, -1, 2], the maximum sum is 15-1+2 = 16

Write a function that meets the specification below.

```
def max_contig_sum(L):
    """ L, a list of integers, at least one positive
    Returns the maximum sum of a contiguous subsequence in L """
    #YOUR CODE HERE
```

Paste your entire function in the box below. Do not leave any print statements.

```
# Paste your code here
def max_contig_sum(L):
    """ L, a list of integers, at least one positive
    Returns the maximum sum of a contiguous subsequence in L """

    def max_sum(L, seqLen):
        numResult = len(L) - seqLen +1
        resultMax = 0
        for i in range(numResult):
            resultTemp = sum(L[i:i+seqLen])
            if resultTemp > resultMax:
                resultMax = resultTemp
            resultTemp = 0
```

```
14          return resultMax
15
```

Press ESC then TAB or click outside of the code editor to exit

正确

Test results

See full output

```
CORRECT
```

See full output

提交 You have used 1 of 10 attempts

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