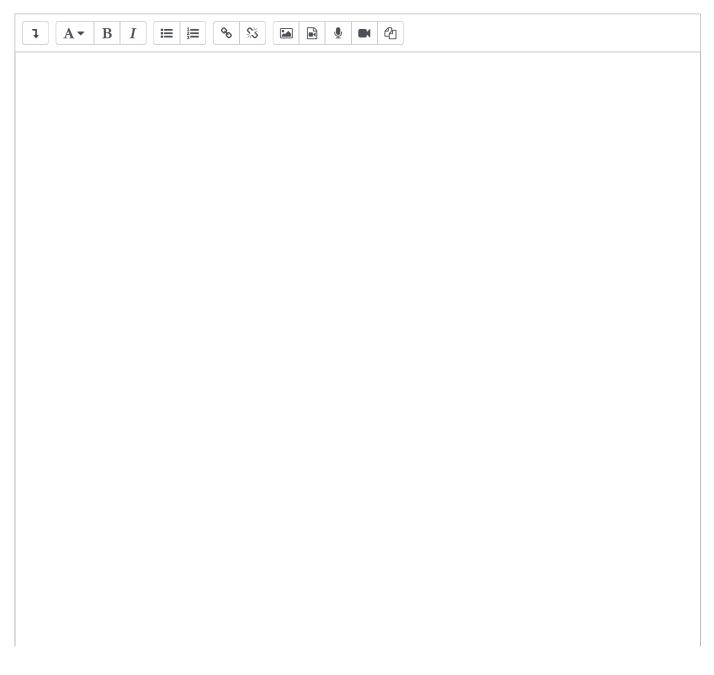
```
Question {f 1}
```

Not yet answered

Marked out of 3.00

Write a **Task** class so that the following code works as specified by the comments. Each comment refers to the line(s) below it. Handle the case where a task is added as a subtask for itself. Specifications or tests are not required **[3p]**.



```
Question 2
Not yet answered
Marked out of 2.00
```

Analyse the time and extra-space complexity of the following function [2p].

```
def f(l):
    if len(l) == 1:
        return l[0]
    if l[0] == 0:
        return 0
    return l[0] * f(l[1:])
```

Maximum file size: 2MB, maximum number of files: 1

Files

Question 3	
Not yet answered	
Marked out of 4.00	

Write the specification, Python code and test cases for a *recursive function* that uses the *divide and conquer* method to calculate the sum of the even numbers found on even positions in a list. The function should return *None* if no suitable numbers are found. For the input [2, 2, 4, 5, 6, 4, 13, 4, 10], the result is 22. You may divide the implementation into several functions according to best practices. Specify and test all functions [4p].

ı	A▼	В	I	∷	1 2 3	<i>&</i>	彩		•	4	
											Maximum file size: 2MB, maximum number of files: '
	■										
Fil	<u>es</u>										
i											

You can drag and drop files here to add them.