

Oxford Revise | OCR Computer Science | Answers

Chapter 25 Trace tables

Question	Answer	Extra information	Marks	AO / Specification reference										
1	<table border="1"> <thead> <tr> <th>Line number</th> <th>total</th> <th>count</th> <th>score</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Line number	total	count	score	Output						Marking points: <ul style="list-style-type: none"> • Five columns • Correct headings • Headings in sensible order. 	1 1 1	AO2 2.1.2
Line number	total	count	score	Output										

Line number	fib	f0	f1	n	count	Output
01	0					
02		0				
03			1			
04				5		Input a number
08					2	
10	1					
11		1				
12			1			
13					3	
10	2					
11		1				
12			2			
13					4	
10	3					

Marking points:

- Correct Line number column
- Correct fib column
- Correct f0 column
- Correct f1 column
- Correct n and count columns
- Correct Output column.

The shaded area is given in the question.

1
1
1
1
1
1

AO3
2.1.2

2

Question	Answer							Extra information	Marks	AO / Specification reference
	11		2							
	12			3						
	13					5				
	15						The Fibonacci number at position 5 is 3			