Figure 2

SUBROUTINE	Process(a,	b)
c <- a - b		
FOR i <- 1	то 3	
a <- a	- c	
b <- b	+ a	
ENDFOR		
RETURN b		
ENDSUBROUT	INE	

a) Complete the trace table below when the subroutine call Process (4,	3) is made (you may
not need all the rows in the table):	

[3 marks]

a	b	С

b) A	programmer	tries to	shorten	the subr	outine in	Figure	2	by rep	lacing	the	lines:
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With the line:

Explain whether this change is a mistake or not.

	[2 marks]
c) What value is returned by the subroutine call $\texttt{Process}(x, integer?)$	0) where \boldsymbol{x} is any positive
iriteger :	[1 mark]