10	The function f is defined by $f: x \mapsto x^2 + 4x$ for $x \ge c$, where c is a constant. It is given that f is one-one function.	a
	(i) State the range of f in terms of c and find the smallest possible value of c .	3]
	The function g is defined by $g: x \mapsto ax + b$ for $x \ge 0$, where a and b are positive constants. It is give that, when $c = 0$, $gf(1) = 11$ and $fg(1) = 21$.	n
	(ii) Write down two equations in a and b and solve them to find the values of a and b .	5]