Hes, because after applying the low rass filter we are interpolating the finage. Therefore, we are trying to restove the piacle of clownswapled image and your apply a low reas fitter your image and your apply a lownsampling of the will look similar to a chief in age in just smaller in the waging and image, it will look similar to a ship wagened image, it will look similar to a ship wagened in age.	
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9	Quiz 1: Fitters, Fourier Trunsforms, & Resizing
1	p (g(x) = (00 f(y) g(x-y) dy
H	262 dy U=
	1-0)
14	- u - x 2
	10
	(2e-u du enf(u)
h	
	-x- (2e-u du = 170 0e
"	150 m
	-x-
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b	
	6, and 62 to man
	mpin

2	7	
	K. [c b a b c	
	12.00	
	". a+b+a+b+c= a+2b+ac= 1	
-		
	odd: a+6+2C Even: a+6+C	
	- even	
	a+b+2c=11 a+b+c=1	
	4	
	20= 1-b-a C= 1-b-a	
	a= 1 -6-C	
	2 - v - c	
- 11	a= 1/2-b-2c	
T.		
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	10 2 1 2	
	,	
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100	3	