	Homework 5									
81 A	drply smoothing using Mask									
	we get result image as.									
		221		2=2	- R=	3	2=4	425		
	y=2	0		3	6		9	9		
	4=3	0	114	3	6	114	9	9		
	724	0		3	6		9	9		
61	ordery sala	Labore	10 10	rlan	3/20/24	61	2314			
			4		· tap	261	Ligida			
B	Applyir	y m	edia	m i	filter	y	25			
	X									
	govern Mas	k-4	X	X	X	9 0	6	-81		
		0		X	18	10		B		
	n	z	ルニ	2	2123	2	2=4	2=5		
225	9=2 (C	0	27/10	19 top	1 300	19 and	9		
) -	0	0		9		9	7		
	1=4	0	0		9	90	Da Sp	1	- 117	
					1					
		-	-				-54			
-		10	1	2	9					
			1		1					

	d demanded									
							0			
0	- for	gnen	pictu	س س	e have.		12			
	A, 2/10-100 1 1/2000 (A)									
	-202									
	-1 10 11 1									
1.19										
	In original mage.									
			X=2	2=3	26=4	z= 5.				
0-076	y = 2		6	90	9	9				
	0	6	0	9	90	9 5-4				
	4-49	0	0	9	90	900				
P	P		0	2	0	Park				
	After applying sobel operator for vertical									
	gradient we get.									
	2-1 x 2 x23 x24 x25									
	y22	0	88	- 1	6	0	100000			
	y=3	0	36	36	0	also Mrong				
	924	0	36	36	0	0				
3.5	Thus we get a vertical edge between x= 24 x=3									
	Thus	we	yet a	vertical	edge	between x	?= 24 = 3			
		2	. 0	0		0 641	-			
	If we apply!									
	Δ	2 =	-1	-2	-1					
THE			0	0	0					
	10000		L	2	- 1					
	1									
						Coonned by C	~			

0		4								
	we.	get x=1	x=2	2=3	72-4	ze=5				
		To View III	6		6	0				
	y . 2	0	0	0	0	0				
	y = 3	0	0	0	0 4	0				
	y 24	(F	(B) (1	(1-))	O COLLY					
	Thus no horizontal edge is detected.									
		7-	* ((1-1) 4	(1-11)	3				
0		+	* (()	(-,1) (H)	(111-))					
			4							
	+ * (115-11) =									
	Parls of the parls									
	(1,5-(1) = 17)									
				est med		palace				
190	1000			of all	Jo Jak	Ol Association				
	High to a till a monological									
				V 1						
			1144							
	1 to the total of the state of									
				1 36						
		Carried .	ALE CO	169						