	CS245 Homework 3	Sean Poston
103.	90=-1	
	9,=0	
	$a_z: 2(0) + (1)^2 = 1$	
	93=3(1)+0=3	0
	$94 = 4(3) + 1^2 = 13$	
	95: 5(13) + 3 = 74	
20.	a.) Where n is years after 2017:	
	an = an + (7.6).0112 ap = 7.6	
	b) f(n)= 7.6 + (7.6).0112n	
	C.) 50-17-33	
	f(33)=7.6+(7.6).0112(33)	
	:7.6 + 2.81	
	= 10.41 billion	
258	an=2(an-1), ao:3 for n=1,2,3,4	
	a,=2(192)=384	,
	98=2(384)=768	
	ag = 2 (768) = 1536	
336.	78	
	1 = 0	
	U:0 0 0	
	v=1 3 3	
	j:2 b q	
	1=3 9 18	
	isl	o
	J:0 2 ZO	
	j:1 5 25	
	j=2 8 33	
	j=3 11 44	
	1=2	
	j. 0 4 48	
	j: 1 7 56	
	y: 2 10 65	
	j=3 13 18	