int 1 = 2 ;	for (Int i=2; ich; i=pow(i,2) - ku	nsutime
whitecians	£	
£ -	→ ocn;	100
1=1*1;	3	THERE
3	The same of the sa	
O(log(log(m))	The state of the s	
Part b) 0(n712)		E. 200
	+) & - Puns in times	117.040
for (Int = 1; 12N; 1+	n)==0){ - puns in times	100
1 14(1% (1m) sq.v+1	4 pow(1,3) 5 K++ & - Runs n3 +ime &	
0.00	2 2000 (1/2 35)	
3 000;		
u 333	****	
Because of 1 2	runs every with time.	1.46118
Runs in time be	cause of 0	
(n · n 512) = (n	1/2 S12) = N 1/2	
O(n7/2)		
Part c) O(n2logn)		
for (IN+ 1=1) 1 = 1 ; 1+4) = - Runs Ntimes	
for (int Kal; KL=N:		12/11/23
1+(ACNJ==1){2	mc=n; m= 2m){ - Runs log(n) times	
	WC=11, 11. 7. 12	
0(1)		
3333		

easta) O(n)	
int * a > new int[10];	-tuns I time
m+ size=10;	- tune I Time
tor(inti=0; icn; itt){	- Runs I time
17(i==size){	- Runs in times
int newsize=3*s/ze/2;	- Plans ! times
Int * b = new int [newsize];	-Runs 1 yrunes
for (inty=0; j < slze; j++) { b [j] = a [j] }	- Runs size times
delete CJa	- Puns 1 times
a=b;	- Run , times
Size > newsize;	- Runs 1 times
3	Runs 1 times
Q[i7=i*i;	Runs I + mes
3 3	
O(n x size) + n times constant	
(m)	