	ID= IOO22 86+0D
	Data
	Page
	Hands - On - 3 Dev Prakush Puty
	Hands - On-3 Der Parakush Pates
January Control of the Control of th	
0-3	Find Polynomials that are upper and
	lower has a large
The state of the s	Find Polynomials that are upper and lower bounds on your curve from #2.
	From this specify a big-D, a big-omega
	From this specify a big-0, a big-omega, and what big-theta is
1.	interactions of the party of th
Asi.	
-	The obtained fitted curve is a quadratic function of the form y = ax2 + &c.
=)	obtained titled (wive is a and to
	turdien of the
	function of the form = ax + &c.
->	Big-D: This deduce that the Juntime is bounded above by constant multiple of no for sufficiently largen.
	Mis Clause that the
	Thuntime is bounded above by courte to
	multiple of 2 1 112 11
	marriple of n for sufficiently largen.
	Big-Omega: 1 (12): This mems that the gruntime is bounded below by a Constant multiple of it for Aufficiently
	131 J- Onley a . J (4) . Mems that
	The grantime is bounded below by
	Court + Miple of 2
	Coustan mattiple of a for sufficiently
	Jarge m.
1	Big-Theta: O(n2): This Concludes that the runtime is asymptotically equivalent to u2.
\supset	Big- Meta: DUN J. Mis Concludes
	that the multiple is an of the
	1 Comptotically
-	lygivalent to u.
-	
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V.	[[[[[[[[[[[[[[[[[[[[

	ID: 1002286708 Classmate
	Der Prakuh Patel
	Munds-OW:
->	It I modified the function to be
	$X = \{(u)$ $X = 1;$
	1=1; for i=1:4
	$ \begin{cases} $
	it take
Q-4	the algarithm to run (e.g You are timing the function like in #2)
	Newly ordd operation addition operation (y=i+j) in inner loop has constant time (omplexity of O(1). So, it will not have significantly impact on Suntime of function
Q-3	. Will it effect your results from #17?
Aus:	The changes will not affect the overall of the function. It remains $D(n^2)$, Big - omegal n^2 , and Big -theta (u^2).