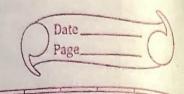


	The Big O objects and Arrays.
	tion haveland
	Objects one upordred datastructure, Key Vulue poirs. datastored it key vulue poirs
-	
	let monayer = {
	firstnomi: "Bula",
	isMonoger: true,
	foror; thumber: [64, 46, 28, 40]
	3 ignisso sur ich madet.
	when to use objects have my minder "
	when youdon't need order
	· when you rued fast duss / insortion and removal
	Sjeet ore Very fust
	Big O of objects.
PARKE	THE PROPERTY OF THE BUILDING TO THE PARTY OF
	instrian - O(1) +1 - 10000 /
E. W. B.	Removal - O(1) 100 = produce 2
	Seprening - O(N) (100 = 2/10)
	Access - O(1)
	when you don't need only orden my objects one on
	excellent Choice
	we will know more in Mash more
1.00	sensi Free production to who so so ?.
objut.	Kys (monogr) object. Keys - O(N)
siut.v	dus (mmgr) object. valus - O(N)
	patrices (monger) object, entries - O(N)
	hasownProprey - O(1)
moza.	has own Proporty ("first done") > True & it have fretron
0	The second secon
The second second second	



ARRAYS ordertist

Let values = [+rul, { 3, [], "(hoka", "Pungi")]

Let values = [+rul, { 3, [], 2, "! bkus"];

booten offer orray number string.

when to use orrays.

- · when you mud order.
- · when you ned fast access l'osortion onel

Big o of Arrass.

Instrion - It defends. . . Eware we are instring.

Removal - It depends. .

Surching - O(N) & discuss in severning section.

Access - O(1) + superfish.

when we want to our ordate it? I fort

like nomes [2] & its fort who you have

Too oo element and ask for 9397 one occass every

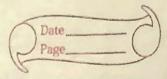
don't go country all the way to 9397 one occass every

element and get one what we need; i have shorted

when we have indoor number we can directly jump

to that date and that fast. No matter how

long data is



Insertion & it we are insorting element at the last then it have no problem (then big o will has) Problem comes in when we have to insert it genting then it fairs to messuf (because of imbury) it will re-inder every single on Somes gas for removing from beggining we nove to re-inducing every single one. oh) Try to doid insertion or removal from the beggining it it is possible 6 Be ovoir & it don't need to. Push and pop one fortest shippond unshift slowest. Swich grows o(n) belose it will Sworth all the data in overy and it depends on overy keyth. learn were in searching sossion Big o'd Array operations No reindring involved - Push - - - O(1) reinant (pro - o(1)

maggray (un shift - o(N)

maggray (un shift - o(N) driver (. coulant - O(N) 3) y · Shile - O(N) · Spile - O(N) Shutsomminishort - (O(N*107 N) · fortoch/mop/fir/velue/ex- OW)

