Name:	Grader Name:		
_		E 11 0046	
	roject A	Fall 2019	
19			
ile-naming correct + clear illustrat	t <b>ed PDF report</b> with name, netl	D, title, goals, help,	
		s can quickly and easily	
d use all your program's features and	l options without your help.		
_		•	
•	· ·		
ke your own drawing fcns, e.g. draw	Hexa(), drawRobot(), drawBicy	/cle(),)	
•		•	
proper use of 'stride' and 'offset'; ex	plained in Chapter 5 and demor	strated in starter code).	
nation: On-screen objects move con	tinually (movement requires no	user actions).	
or more clearly-different kinds of	<b>objects.</b> Each <i>kind</i> will draw e	each of its rigid 3D parts	
<u> </u>	•		
eir joints connect differently). Each different kind of object should move at different rates,			
itly, continuously, and not synchronic	zed (e.g. different cycle times for	or periodic movements)	
or more sequential, moving joints	within each of these 2 different	kinds of objects (with	
at a different on-screen location. (Or	aly 1 joint location? $\rightarrow$ half-cred	lit)	
ays-Smooth On-screen Movements	s: All animation and all user-co	ntrols cause SMOOTH	
changes (locations, poses, sizes etc.).	No large sudden 'jumps'!		
ooard Interaction:			
	nge in response to various keybo	ard inputs.	
	age due to mouse clicks at differ	ent locations	
3	C		
	ractions. Objects must respond to	to cheks arone)	
	nge in response to mouse draggin	ng in the canvas.	
CREDIT:			
	ontrols & features (buttons, men	us; try dat.gui?)	
up to 2%: automatic object <b>color-change</b> : smoothly, dramatically &visibly over time,			
2%: object/part shapes change smo	oothly dramatically &visibly ov	er time,	
2%: Report includes accurate 'Scen	ne Graph' diagram for each kind	d of object	
=====TOTAL POINTS/100	(24% of final grade)		
	Steers, 3or 4 digits: e.g. JET861 Please write clear in the program in the program in the program is of the actions. From the program is of the action in the program is features and the program is featured in the program is featured	There, 3 or 4 digits: e.g. JET861 Please write clearly; make it easy to read)  51-1 Grading Sheet  Project A  19  The analysis of the analysi	

Student <i>NetID</i> :	Name:		Grader Name:		
	3 letters, 3or 4 digits: e.g. JET861 Ple	•	•	Win 2040	
J. Tumblin 1/28/2	<b>1-1 Grading S</b>	oneet:	Project A	Win 2019	
	ll file-naming correct + cle				
user-gui	de, ≥4 results pictures, and s	ketch of your p	rogram's scene-graph (tra	ansform tree)	
	ser instructions: From the p and use all your program's f			sers can quickly and easily	
(>12 ver	t least two different 3D partices), each made by drawing Make your own drawing form	g from contents	s of a Vertex Buffer Obje	ct (VBO).	
using at shaders.	moothly-varying per-vertex least 3 obviously-different v Every vertex must have RG as described in Chapter 5 and	ertex colors (no B color attribut	ot just 2!), and interpolate es in the VBO (e.g. propo	d by 'varying' variables in	
10% A	nimation: On-screen objects	s move continu	ally (movement requires	no user actions).	
with diff their join	wo or more clearly-different ferent matrix transforms (thunts connect differently). Each dently and continuously.	s they move dif	fferently), & a differently	-shaped scene-graph (thus	
	wo or more sequential, mo				
	lways-Smooth On-screen Non changes (locations, poses,			controls cause SMOOTH	
5% Ko	eyboard Interaction:				
5% M	On-screen objects mov ouse-Click Interaction:	ve and change i	n response to various key	board inputs.	
(exclude	On-screen objects move and change due to mouse clicks at different locations.  (excludes webpage buttons and mouse-drag interactions: objects must respond to clicks alone)  5% Mouse-Drag Interaction:				
	On-screen objects move and change in response to mouse dragging in the canvas. (mouse-drag does require button down/up, but these don't count as mouse-click interactions)				
EXTR	A CREDIT:				
u u u (e.	p to 2%: add better-looking very to 2%: automatic object coop to 2%: object/part shapes e.g. upper-arm segment change to 2%: Report includes according to 2%:	lor-change : sn change smooth ges length and/o	noothly, dramatically &v ly dramatically &visibly or width; lower arm segm	isibly over time, over time, ent tapers/bulges)	
	=====TOTAL POINT	S/100	(24% of final grade)		