Student	's <i>NetID</i>	Student	t's Name		Grader's Name_	
_		etters, 3 digits: e.g. JET861	-	-		
	-	351-1 Gra	•		Project C	J. Tumblin 11/15/2019
						opts) including name, netID, all its transforms (3pts).
		n User Instructions: P nd options, without an				and easily identify and use all ations.
to all dist	ant horizons, a	Plane Grid: Project shand thus let us easily as system where +z is 'u	ssess changes to ca	mera position and	l aiming direction.	nes that extend nearly endlessly norizontal on-screen.
		-	-			Phong) & shaded (Gouraud / . Wireframe <i>not</i> acceptable!
	0 /	owly-spinning Sphere easily lit from any dire	•	0 0	<u> </u>	s: sphere is easily viewable aud/Phong shading.
filled wit	h an undistorte	ed image from a perspe	ective camera with	30-degree vertica	ıl field-of-view; no sł	wser window always keeps it nape distortions, no blank areas, etc.; no browser 'slider bars'!
any direc	tion without cl	hanging position: be ab	ole to move forwar	d/backward in the	gaze direction, and	ntrol: be able to aim camera in strafe' sideways left/right from move fwd/rev, strafe left/right).
		ly different-looking National States in the states of the			rials_Ayerdi.j	S
		dlight' light-source, con correct, the specular l				
	headlight) and	ht source at user-adjud with separate, user- n surfaces must NOT n	adjustable R,G,B	values for ambi	ent, diffuse, and spe	
		ive switching between ng or disrupting the pro		0	thods (requires at lea	st two to earn this credit)
each of the crudely-s	nese, they can shaped highligh	also select between Phonts: Phong shading yield	ong lighting and B lds rounded highlig	Blinn-Phong lighting that that can be sn	ng; more methods we naller than triangles.	ling and Phong Shading; for elcome. Gouraud shading gives Blinn-Phong lighting and iraud and Phong shading)
EXTRA	CREDIT:					
	(must 2% extra credi vs. z; 2% extra credi 'toon	sinusoidal waviness, q	en NONE, 1/dist, a cortions in shaders, qualify, but simple ethods: in a visual sub-set of Phong of	and 1/dist ² , with di , not reproducible scaling or displac ly obvious way, d or Blinn-Phong m	ist calc'd at each vert by matrix transforms ement of selected ve- emonstrate Cook-To ethods (see Lengyel	s in Vertex Shader (e.g. twist rtices will not suffice) rrance or others such as
one object	et (>10 visually		; no effect on othe	er objects), Textur	e mapping; texture fe	er-switched materials for just eatures (e.g. render-to-texture (a nent, etc.)
	TOT	AL POINTS/100	(24% of fi	nal grade)		