	D == 3 letters 3 digits:	Student's Name_ e.g. JET861 Please write clea	rly: make it easy to read)	Grader's Name	
		Grading S		Project C	Fall 2021 J. Tumblin 11/1/2021
10% In	-Class Interactiv	e Demo shown on ZOO	M. Demonstrates m	ultiple items listed on the	his page.
		ort: All file-naming correct sketch of your progra			name, netID, title, goals, user-ransforms (2pts).
					ew users to quickly and easily or authors' explanations.
to all distant hor	izons, and thus let	Project shows horizonta us easily assess changes ere +z is 'up', the ground	to camera position a	nd aiming direction.	nes that extend nearly endlessly orizontal on-screen.
		, Jointed, Continually Found-plane locations, wit			
		ing Sphere that lets us vesired 3D location. Rotat			
filled with an un	distorted image fro	om a perspective camera	with 30-degree verti	cal field-of-view; no sh	dow resizing always keeps it ape distortions, no blank areas etc.; no browser 'slider bars'!
any direction wit	thout changing pos	sition: be able to move for	rward/backward in t	he gaze direction, and 's	trol: be able to aim camera in strafe' sideways left/right from move fwd/rev, strafe left/right).
		y different-looking Pho diffuse, specular and em		n different rigid 3D par	ts. 'Phong' materials have
HINT: use mater	rials parameters gi	ven in starter code file "	materials_Ayer	di04.js"	
switch light on/o	off, and set separate	e R,G,B values for each	of the ambient, diffus	se, and specular light an	r set world-space position, nounts. Surface illumination r to shift as the camera moves).
		ng between all available program or its on-screen		nethods (requires at leas	st two to earn this credit)
each of these, the crudely-shaped h	ey can also select l nighlights: Phong s	between Phong lighting a shading yields rounded h	nd Blinn-Phong lighighlights that can be	ting; more methods we smaller than triangles. I	ing and Phong Shading; for lcome. Gouraud shading gives Blinn-Phong lighting and raud and Phong shading)
EXTRA CRED	IT:				
2% extr	ra credit: 3 or more (must include ch ra credit: A second (when correct, th ra credit: geometric vs. z; sinusoidal	e user-selected distance doice between NONE, 1/c, 'headlight' light-source e specular highlights stage shape distortions in shawaviness etc. will qualify	ependencies (ATT) list, and 1/dist ² , with e, co-located at came y in the middle of an ders, not reproducib y, but simple scaling	for your light sources: dist calc'd at each verter a eyepoint, that users c y shiny sphere as camer le by matrix transforms or displacement of sele	an switch on/off
	_TOTAL POINT	TS/100 (30%)	of final grade)		