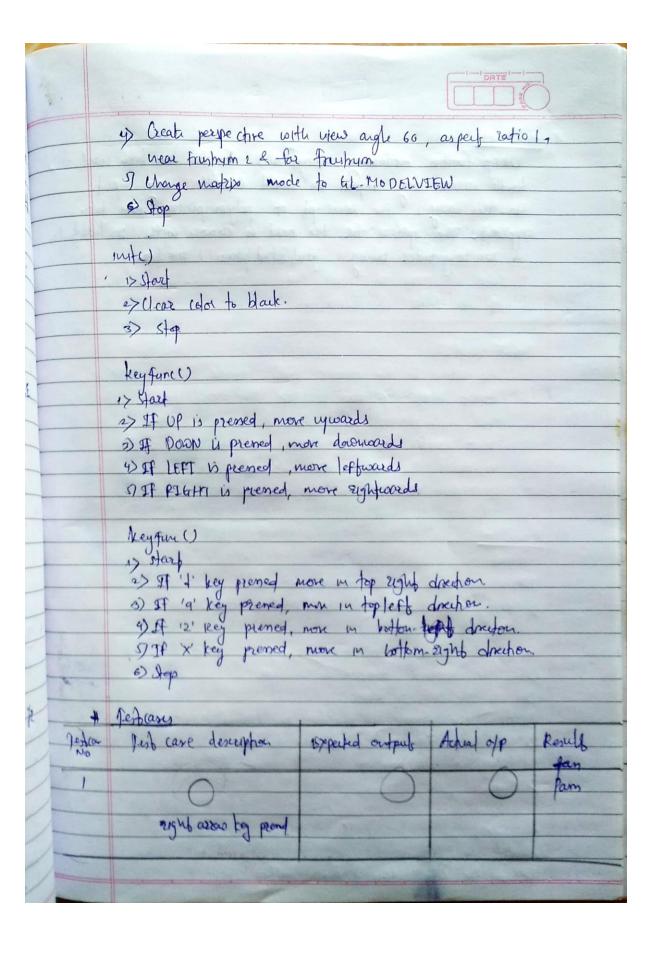
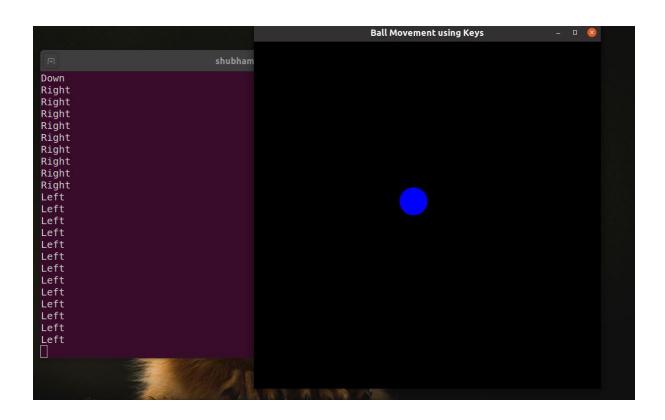
1	
	CG Assignment: 07 [21118]
1	Roblem definition
-	Write a ctt program to control a ball with arrow keys
#	Objectives
	To lease to perform animation in openful.
D	The state of the s
#	ontionnes
	To implement was key controlled ball in ctt uning
	open GL.
#	Hardware requirements:
	as name windows to . Munty 20.04 175.
	Processor Dutel Core 15 8th gen
,	System Manufacturer Acc Inc.
	system remarkation. Here since.
#	Software Regularements
	Sublime texts as code editor
	GCC version 10.1.0
	Ubuty is on Vrityal machine.
4	Theory
	gly Imb(): Initializes GLUT, must be called before other
	al/ alut functions. If takes the same agaments
	as marnes function.
	gluf (reate (Ondone)). Creates the condons with given file
	glubant comdone sieco: Specify the nitral condone height & width.
	glub Enib Wondow Posthou (): Postar the top last corner of the
	which conders at the smeather of the
	glub Proplay func(): registers the callback functions (on eners
-	handler to hardling wounder paint event the
	nutrial condons at the spentied of fy. coadinates glub Proplay func(): registers the callback function @ even hondler for handling counder-paint event. The openier graphics system call back this handler when

	DATE TO LAND T
	It receives a window repount request
The state of the s	
	coursele waste till the opengt window a open
	gluf Manloop (): Enters the openge window is open console waits till the openge window is open gluf keyboard function: Registers call back function for keyboard every gluf keyboard function:
	gluf grend function: Registers talkack handler for special key
	glul keyboard functi(): Registers call back function for preval key glul freual-functi(): Registers tallback handler for special key (rule as arrano keys & function keys)
#	Algorithm
	·> Hart
	. I I I I I I I I I I I I I I I I I I I
	3) Specify display mode as GLUT_FGB & GLUT_DOUBLE
	4) (repty the co) was
	s) snewfy the display function as display
	6) Sneuty the reshape runging as reshape
	7) Mean the color to black.
	> Specify the special function to specifing.
	9) Sperfy the keybased function to specture.
	a death desired and the saled
	Juplay ()
	1) Start
32301	is Clear the color buffer & depth buffer
A.Sami	es load identity to reset all transformations.
	9) Translate to accoordinate ab -30 4 x ky to xx f /2.
B. (s) Swap Juffers
	7 Slop
sale.	to found the get all made making a find did all
الا عامل	reshape)
P. BARIA	1) start
	"> Create wiewport with the initial width of height
2000	3) Change maters mode to GL-PROJECTSOM





A	Condusion
	Using function oraloading features function has been used to handle arrow key input as well as other key input as well as other key input on this way, the concept of polymorphism has been capplied. The sphere for the ball is deaven with 200 lathful 200 longitudes using glubbolid sphere() function.
	2 200 longridges ser
	Almost and the state of the sta
	Souther the plantage to be a fit to the
	Salad de la