



বরেন্দ্র বিশ্ববিদ্যালয়
VARENDRA UNIVERSITY



Department of Computer Science and Engineering

21st Batch

Lab Report 1

Course title : Computer Graphics Lab
Course Code : CSE - 422

Submitted By	Submitted To
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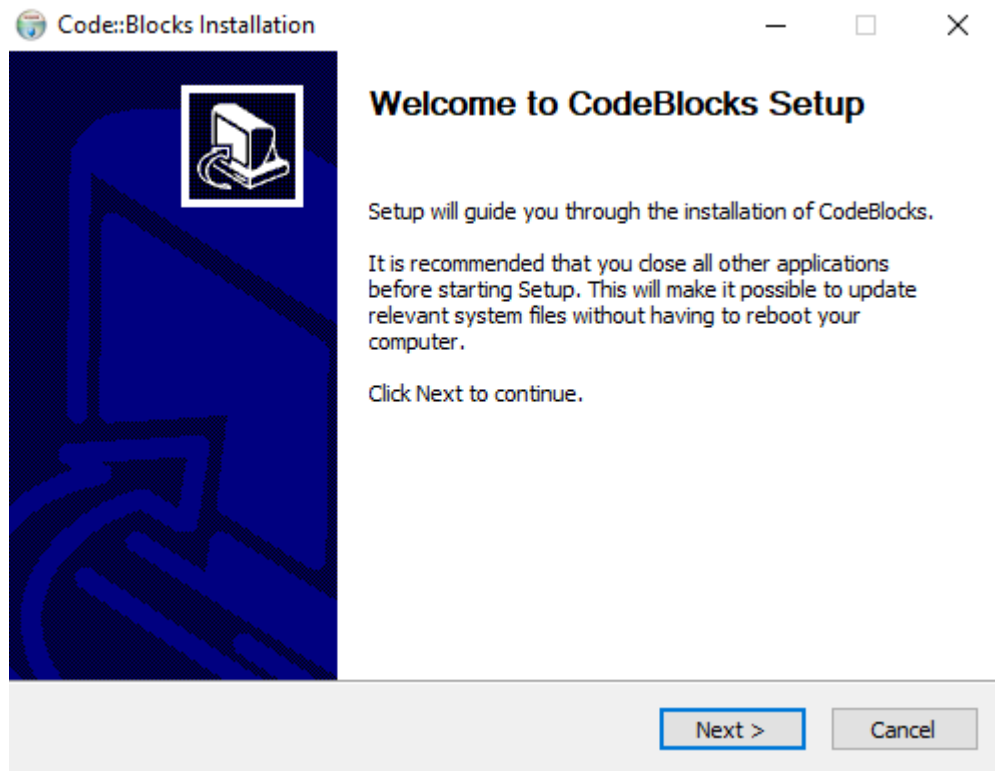
Signature

Submission date:

Problem Statement: Installation and Introduction to “OpenGL” and print 15 random points of different colors.

Installation:

1. Install ‘CodeBlocks’ with “MinGW”.



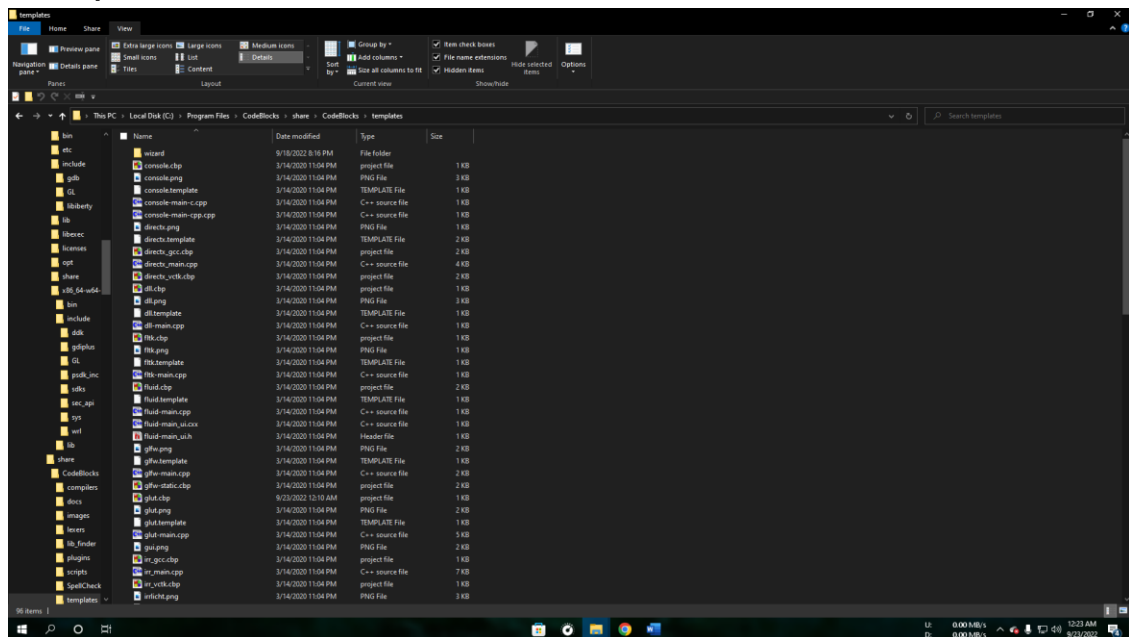
2. Download freeglut 3.0.0

Name	Date modified	Type	Size
codeblocks-17.12mingw-setup.exe	2/29/2020 3:11 PM	Application	88,221 KB
codeblocks-20.03mingw-setup.exe	7/6/2020 3:53 PM	Application	148,848 KB
freeglut-MinGW-3.0.0-1.mp_2.zip	9/22/2022 11:57 PM	WinRAR ZIP archive	447 KB
glut-3.7.6-bin.zip	9/22/2022 11:05 PM	WinRAR ZIP archive	118 KB
mingw-get-setup.exe	7/6/2020 4:49 PM	Application	85 KB
MyThes-1.zip	4/3/2020 2:32 PM	WinRAR ZIP archive	4,479 KB
th_en_US.dat	12/7/2003 7:18 AM	KMP - MPEG Mov...	11,663 KB
th_en_US.idx	12/7/2003 7:18 AM	ID3 - Subtitle File	2,862 KB

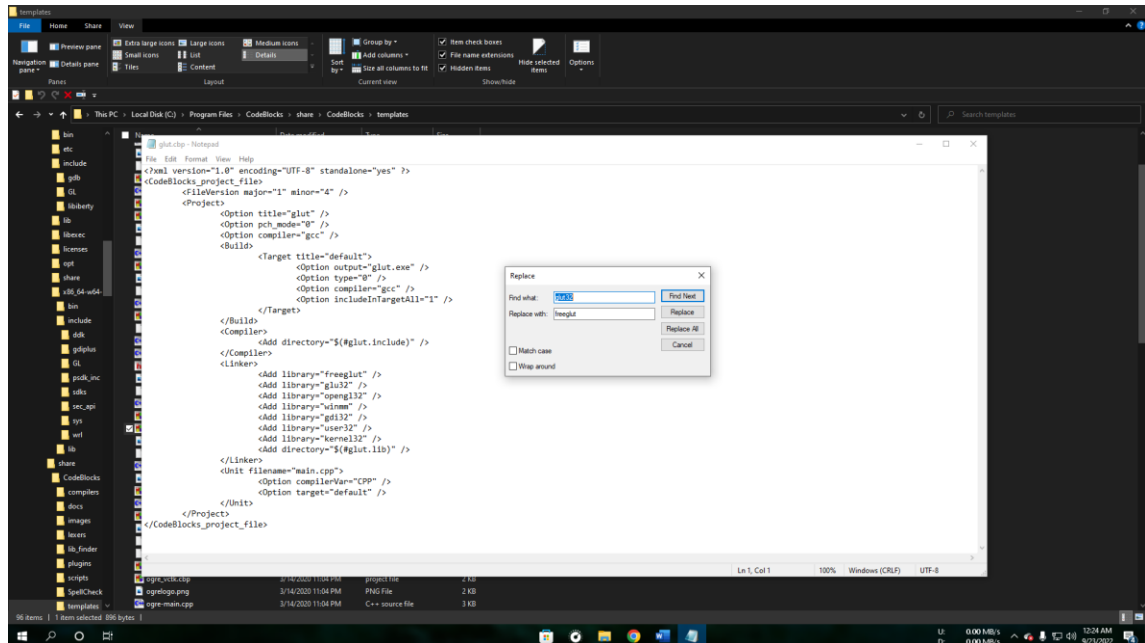
3. Extract

Name	Date modified	Type	Size
bin	3/15/2015 8:42 PM	File folder	
include	3/14/2015 4:15 PM	File folder	
lib	3/15/2015 8:42 PM	File folder	
Copying.txt	10/11/2009 8:35 PM	Text Document	2 KB
Readme.txt	3/15/2015 8:45 PM	Text Document	6 KB

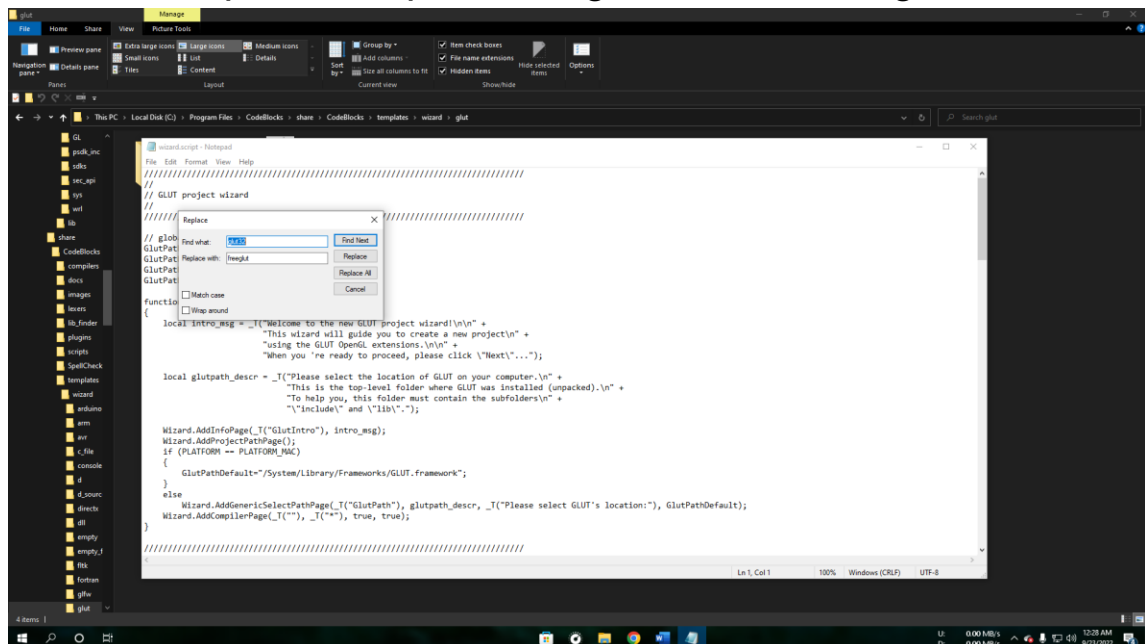
4. Go to the <CodeBlocks> and then share > CodeBlocks Templates



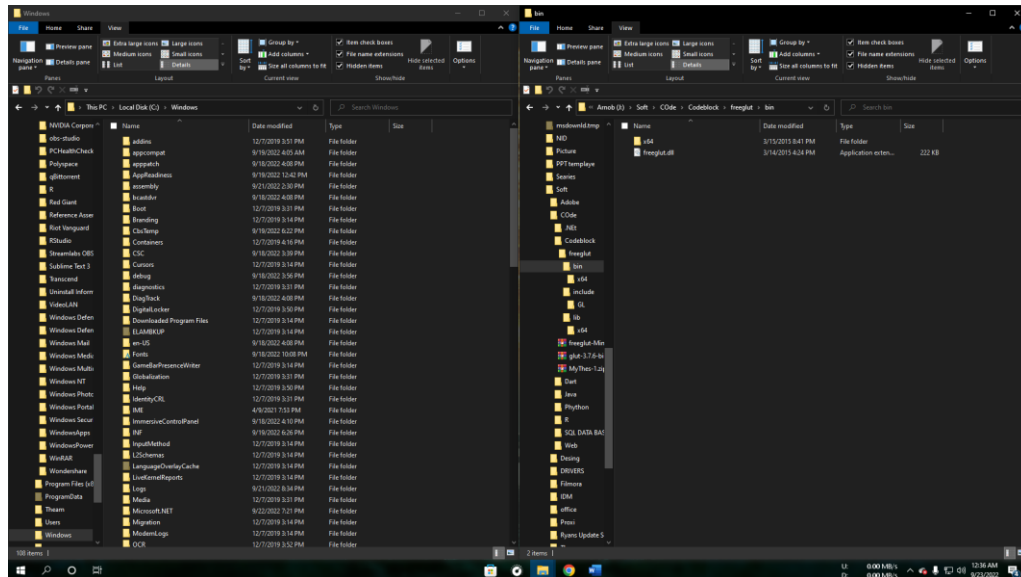
5. Now open “glut.cbp” with Notepad and replace all ‘glut32’ with ‘freeglut’.



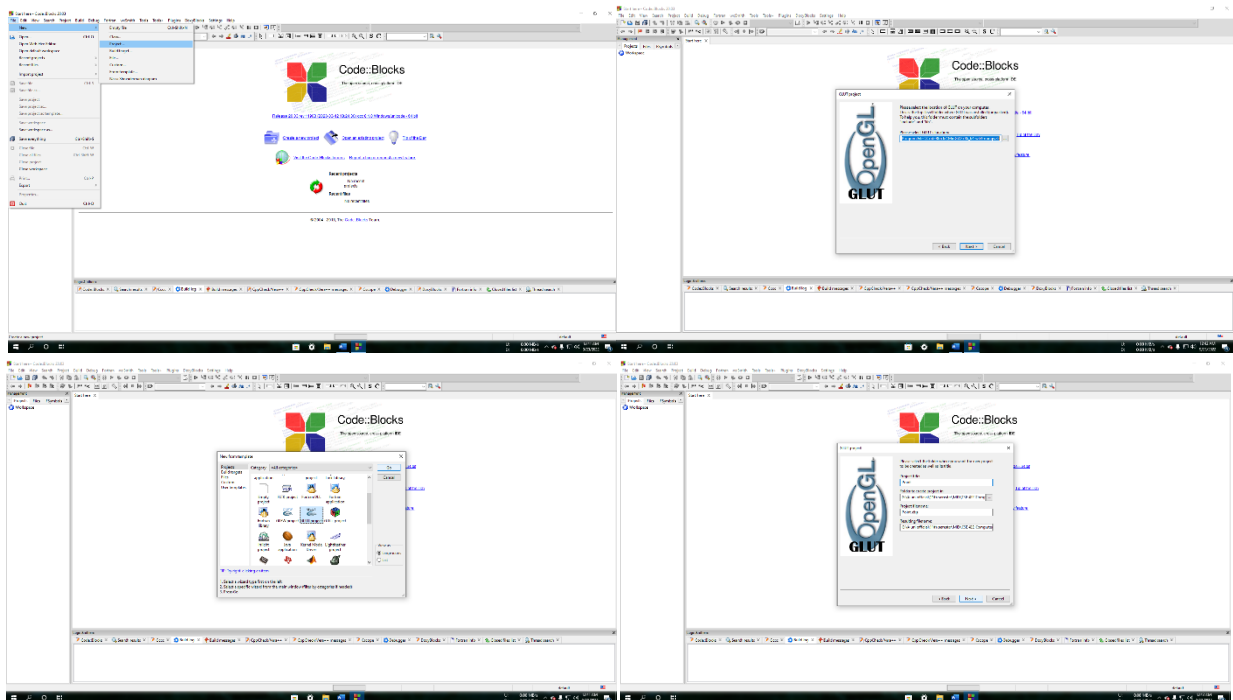
6. Now enter the “wizard” folder > glut then edit “wizard.script” and replace all ‘glut32’ with ‘freeglut’.



9. Now from <freeglut> enter lib copy all files to C: > Windows



10. Now open “CodeBlocks” and open a project of “OpenGL” and select the compiler path to <CodeBlocks> MinGW > x86_64-w64-mingw32



Output:

