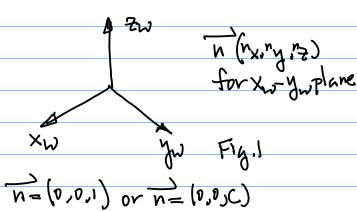
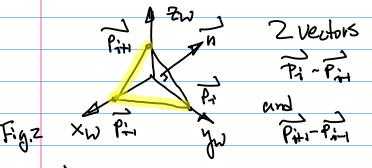
Nov. 17 (Thun)

Midtem Key and Discussion.

Normal vector Calculation.



Generalized Case for Normal Vector



 $N(n_{x},n_{y},n_{z})=(\overline{P_{i}}-\overline{P_{i-1}})\times(\overline{P_{i+1}}-\overline{P_{i-1}})$ 

Semester Project

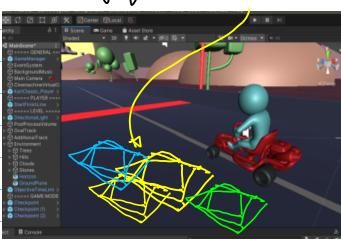
- 1, Formal Presentation and Demo At the
  - end of the Semester.
- Z. Team Coordinator and Team members Need to get together Set Tasks
- 3. Dec. 7th [No Instruction Day).

Presentation. 1:30 pm - 3:00pm

4. Regimenents (Technical Requiencents)

See Handon't (To Be Posted on (ANVAS)

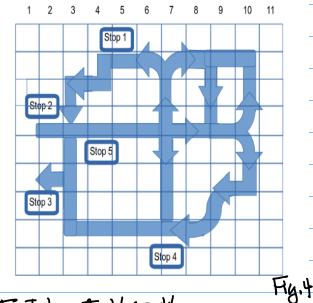
a. Rotating Squares un the Road



OR,

Fig.3

Path Pattern 1 for Unity Simulation



b. To Integrate the path and the tree

C. Video Display

Fig5

1. Need Carpubility of Drawing A Line in Unity Environment -> 30 Space #C Script.

Step Z. Willie this 20 pattern into Xu-yw-Zw World Coordinate

https://docs.unity3d.com > ScriptReference > Debug.Dr...

## Scripting API: Debug.DrawLine - Unity - Manual

Draws a line between specified start and end points. The line will be of the editor when the game is running and the gizmo drawing is ...

Color: Color of the line

End: Point in world:

Duration: How long the line should be visible ...

Handles.DrawLine Debug.DrawLine Debug

https://docs.unity3d.com/ScriptReference/ Debug.DrawLine.html

DepthTest: Should t

https://answers.unity.com/questions/8338/ how-to-draw-a-line-using-script.html

Decorate Sz.

LINEAR Decoration Algorithm.

Idea: Project So plane to yw- Tow.

Right Principle Define

Ju - Ind.

Match Ind -> Ind

Fund - 5 Fund

(3d) (zd)

S<sub>I</sub> Inzo Decorate 30 Cale

Decorate Synfane Si.

Stepl. Define 20 Graphics Patter

Pris (like Letter" F")

Note: You have Squares, & Trees.

(2)

## Group II Classes

Group II classes are those classes which meet TR, T, R, TWR, MTR, TRF, MTRF, MTWR, TWRF, RF, TF.

Regular Class Start	Final Examination	Final Examination
Times	Days	Times
7:00 through 8:25 AM	Wednesday, December 8	7:15-9:30 AM
8:30 through 9:25 AM	Friday, December 10	7:15-9:30 AM
9:30 through 10:25 AM	Tuesday, December 14	9:45 AM-12:00 PM
10:30 through 11:25 AM	Thursday, December 9	9:45 AM-12:00 PM
11:30 AM through 12:25 PM	M Monday, December 13	9:45 AM-12:00 PM
12:30 through 1:25 PM	Wednesday, December 8	12:15-2:30 PM
1:30 through 2:25 PM	Friday, December 10	12:15-2:30 PM
2:30 through 3:25 PM	Tuesday, December 14	2:45-5:00 PM
3:30 through 4:25 PM*	Thursday, December 9	<u>2:</u> 45-5:00 PM
4:30* through 5:25 PM*	Monday, December 13	2:45-5:00 PM
Dec. 2nd (Thursday)	Ref (Resin	ements for the time!
1º Final Exam Shedule	c sel oit	ements for the triject
Dec. 9 (Th) 2:45-5:	DOPM.	
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to convert to poly		
Integrate the polf file	e of these	
photos with your page	<i>V</i>	

2021F-7c-semester-unity-office-karting-ML-2021-11-30.pd

- Must integrate the screen saver program rotating squares and trees in the Unity environment;
- Must integrate customer coding for the shadow computation;
- (3) The layout of the project must import the following driving path as shown in Figure 1.
- (4) The implementation of the project is based on the integration of Roll-a-Ball game with mport of the motor bike from the Karting game.
  - (5) with Video display on a virtual screen.

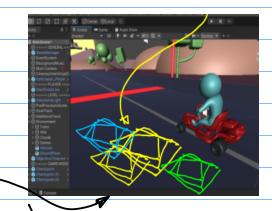
Note: Steps borthis task:

Stepl. Open & Run Unity Kanting

Game; Stepz. To Be Able to Draw a

Qiners) in the Unity

Environment.





i 🔒 ১৮৮ps://www.google.com/search?cli

アデーアントン(アニーアン)

(See previous discussion)



how to draw a line between two points in unity

7 it (xit) etc.



Videos

Images

News

Maps : More

Decoration Algorithm on

About 31,600,000 results (0.63 seconds)

https://forum.unity.com > ... > Editor & General Support

Xw-yw plane, Egn

## how to draw lines between two gameobjects? - Unity Forur

Feb 3, 2012 — i want to draw a line between a two gameobject using line render tried something called gizmoz and i draw a line using this code.

Draw a line between two game objects Mar 15, 2012 Line Renderer between two gameObjects Feb 2, 2016

Help Wanted - Draw a line between two points? Jun 29. 2020

 $\begin{cases} 3'_1 = 3'_1 \\ 3'_2 = C \end{cases} \begin{pmatrix} 2t \\ 2t \end{pmatrix} = C \end{cases}$ 

## 30 or 20 Lives

If you want a line in 3D space, try creating a Line! http://rockonflash.wordpress.com/2010/04/17/hov

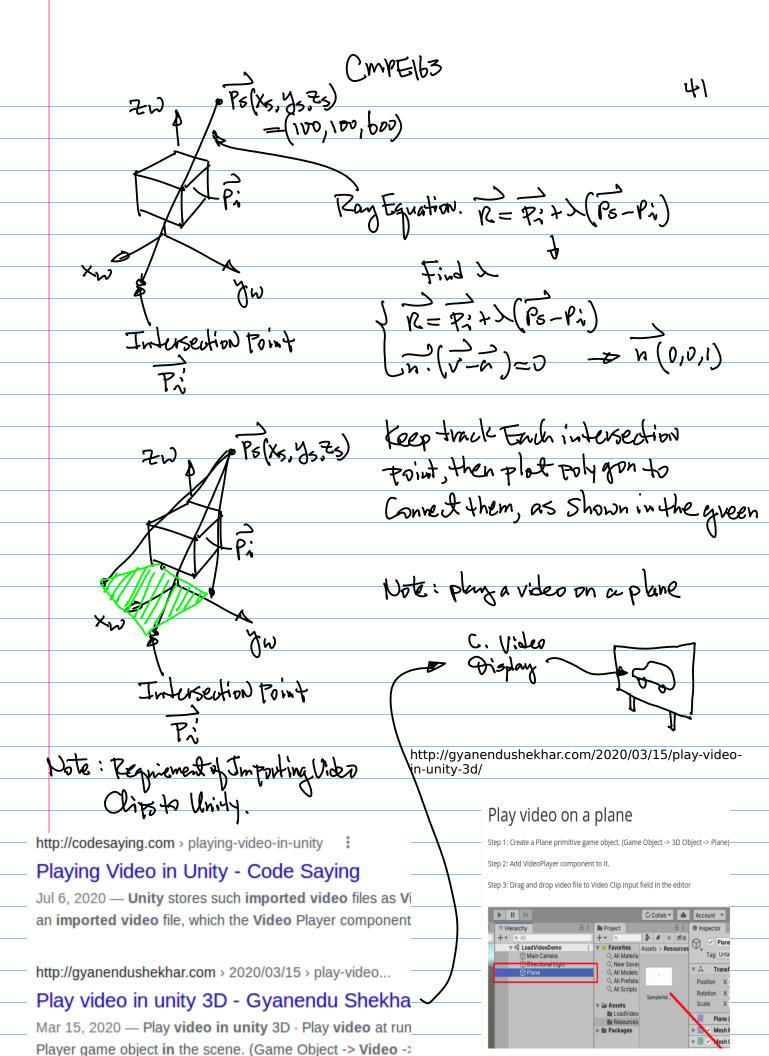
docs here: http://docs.unity3d.com/Documentatic LineRenderer.html

For a 2D line (onGUI), try:

Step 3. Linear Decoration Algorithm. See Notes 7038)

Note: Regimenents (2), Shadow Computation.

A Simplest Shadow Computation, such as the one with a Cube is fire find 2 of the Ray Equation, then Use the Ray equation with this I to find intersection point.



Script to play the video clip. using UnityEngine; .using UnityEngine.Video; public class PlayRuntime: MonoBehaviour private VideoPlayer MyVideoPlayer; private void Start() MyVideoPlayer = GetComponent<VideoPlayer>(); // play video player MyVideoPlayer.Play(); o Indicate team Coordinator, And Each team member
What to submit:

By troviding First, Last Name & SID one submission for each team; (1.1) include the team coordinator first name, last name and SID, then each team member's first name, last name and SID; (1.2) submit the separate program code used in the project; (1.3)save the project, use the following project name: firstName-lastName-last4digitsSJSUid-unity-karting-path-2021-final-mm-dd; be sure to test out your saved project can be opened and included all the asset so it can run and can be tested by others. please be Sure to provide Suplanation Description for the task assigned of Completed by Earl individual 2° PPT Should be included For Patric Annual Chris Team.