AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Computer Graphics Project Documentation

Title Report - Occean and city view

Course Name	**Computer Graphics**
Section	**B**
Course Tutor	**Md Masum Billah**

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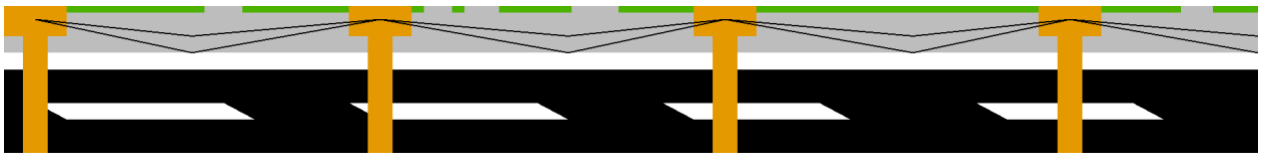
Introduction

The project is based on Ocean and City's View and its surrounding scenario and beauty. There has a river and houses beside the road. The trees may visible in the scenario though besides the houses. In this view, the car would move from one direction to another. In the river, the boat would move from one direction to another. In addition, In the night view, the moon would enter the scene in the dark sky. However, the rainfall scenario would express the dark gloomy weather where the clouds may turn into the dark shade in the gloomy sky.

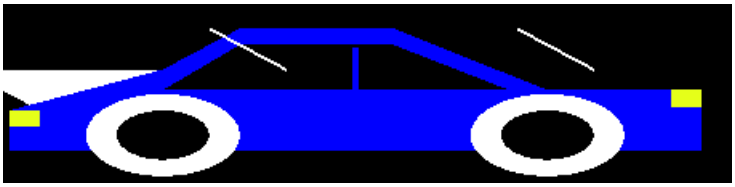
Schematic Diagram

Road

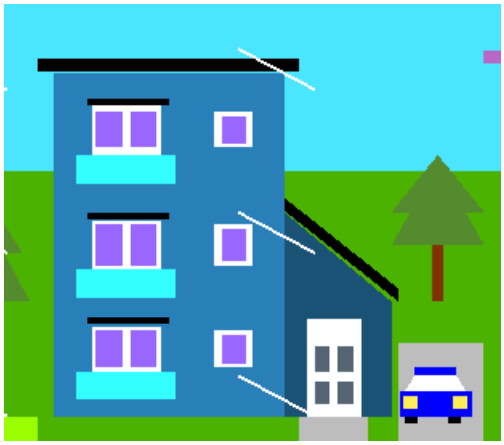


Tree

Car

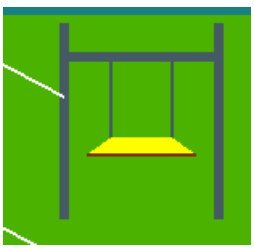


House

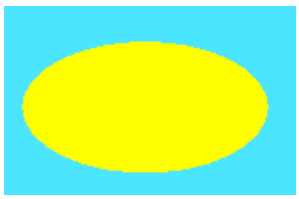


Hill

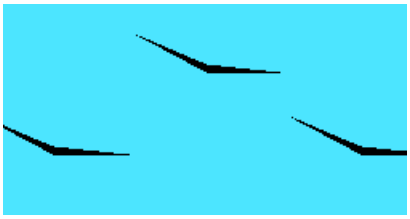
Swing



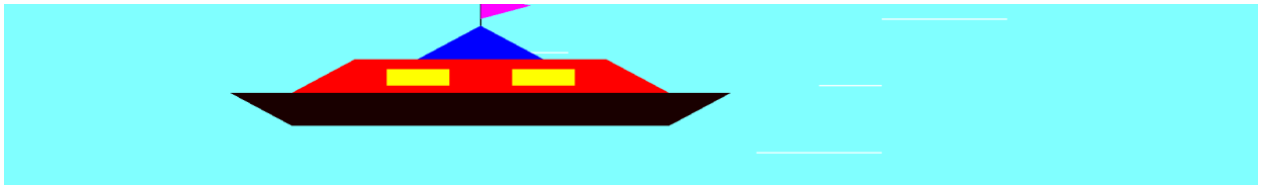
Sun



Birds



River and Boat



List of object

1) Lamp
2) Road
3) Truck
4) Car
5) Moon
6) Star
7) Boat
8) Water
9) Bird
10) Cloud
11) Tree
12) Field
13) Building part
14) Chair
15) Hill
16) Rain

Funtion to represent the object

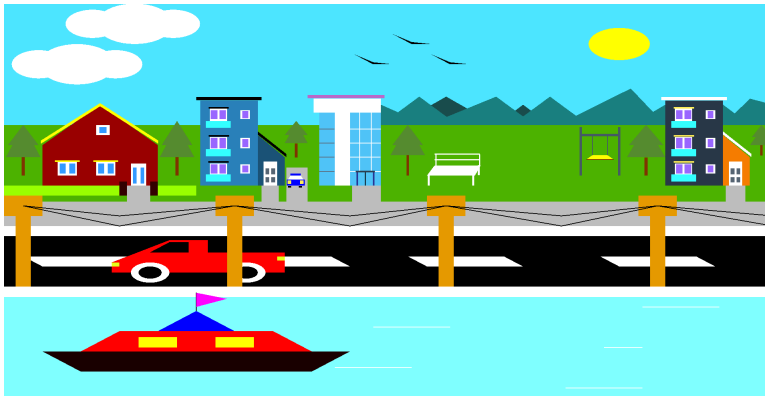
1) Lamp	**drawLamp()**
2) Road	**drawRoad()**
3) Truck	**drawTruck(),drawTruckLight()**
4) Car	**drawCar(),drawCarLight()**
5) Moon	**moon()**
6) Star	**star()**
7) Boat	**drawBoat()**
8) Water	**water(),waterLineNight(),waternight()**
9) Bird	**bird()**
10) Cloud	**cloud(),cloudNight()**
11) Tree	**tree()**
12) Field	**field()**
13) Building part	**buildingPart()**
14) Chair	**chair()**
15) Hill	**hill()**
16) Rain	**rain()**

Contribution Table

1) Member-1	**25 Percent**
2) Member-2	**25 Percent**
3) Member-3	**25 Percent**
4) Member-4	**25 Percent**

Output

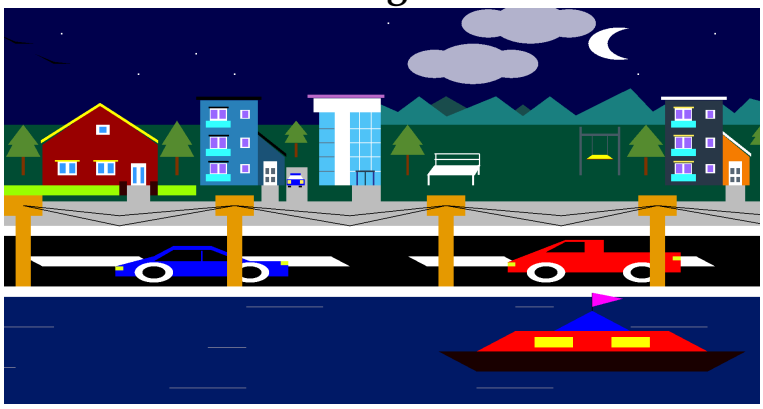
Day view



Night view

Headlight on

Headlight off



Conclution

In this computer graphics project, we have used glut to create an Ocean and City View. We've demonstrated how to create the Ocean and City View utilizing code blocks and several capabilities. We made every effort to create a genuine Ocean and City View situation for this project.

Bibliography