Bahria University

Karachi Campus

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Description automatically generated

LAB EXPERIMENT NO.

11

LIST OF TASKS

|  |  |
| --- | --- |
| **TASK NO** | **OBJECTIVE** |
| 1 | Create Reusable Code/Software for generating Marksheet of a student. (Hint: Use Project 1 for calculation and Grading purpose) |
| 2 | Consume Google Maps Api in Html Webpage. |

Submitted On:

**01-06-2023**

(Date: DD/MM/YY)

Q: Create Reusable Code/Software for generating Marksheet of a student. (Hint: Use Project 1 for calculation and Grading purpose)

Code:-

**Project 02:-**

static void Main(string[] args)

{

Console.WriteLine("--------------Code resue--------------");

Calculation \_obj = new Calculation();

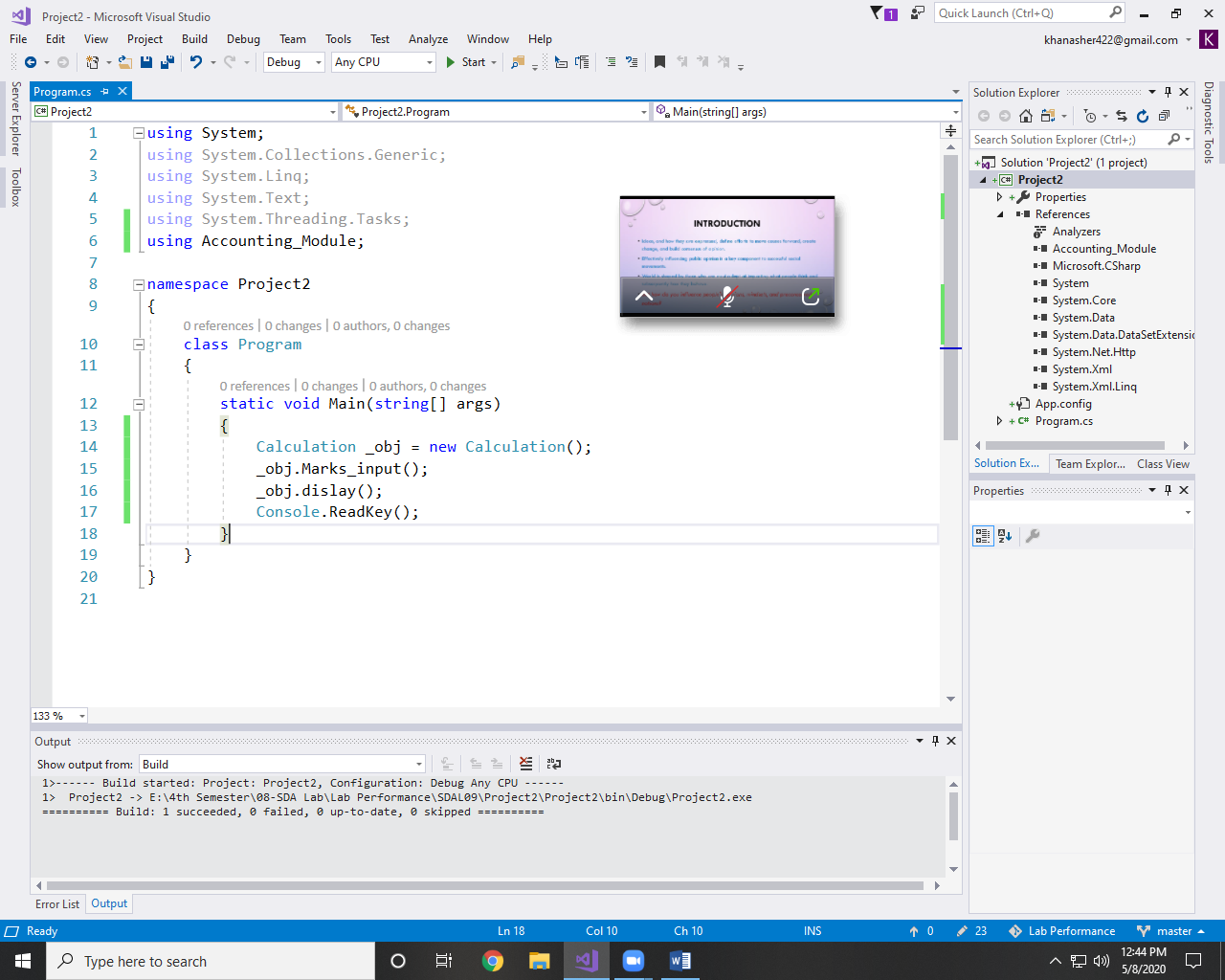
\_obj.Marks\_input();

\_obj.dislay();

Console.WriteLine("Good Bye!");

Console.ReadKey(); }

**Adding Reference:-**



**Accounting Module From Project 01:-**

public class Calculation

{

double total = 0;

double gpa = 0;

double crdt = 0;

double Percentage = 0;

public void Marks\_input()

{

Console.WriteLine("------------Mark Sheet----------");

Console.Write("Total Crdt hr. = ");

crdt = int.Parse(Console.ReadLine());

Console.WriteLine("Number of Each subject given below:");

Console.Write("1-SDA : ");

double sda = int.Parse(Console.ReadLine());

Console.Write("2-DBMS : ");

double dbms = int.Parse(Console.ReadLine());

Console.Write("3-OS : ");

double os = int.Parse(Console.ReadLine());

Console.Write("4-PSY : ");

double psy = int.Parse(Console.ReadLine());

Console.Write("5-Probability : ");

double probab = int.Parse(Console.ReadLine());

Total\_Marks(sda, dbms, os, psy, probab);

}

public void Total\_Marks(double sda, double dbms, double os, double psy, doubleprob)

{

total = sda + dbms + os + psy + prob;

Percentage = (total / 500)\*100;

if (Percentage<=50)

{

gpa = 0;

}

else if (Percentage>50 && Percentage<=65)

{

gpa = 2.0;

}

else if (Percentage > 65 && Percentage <= 75)

{

gpa = 3.0;

}

else if (Percentage > 75 && Percentage <= 85)

{

gpa = 3.67;

}

else

{

gpa = 4.0;

}

}

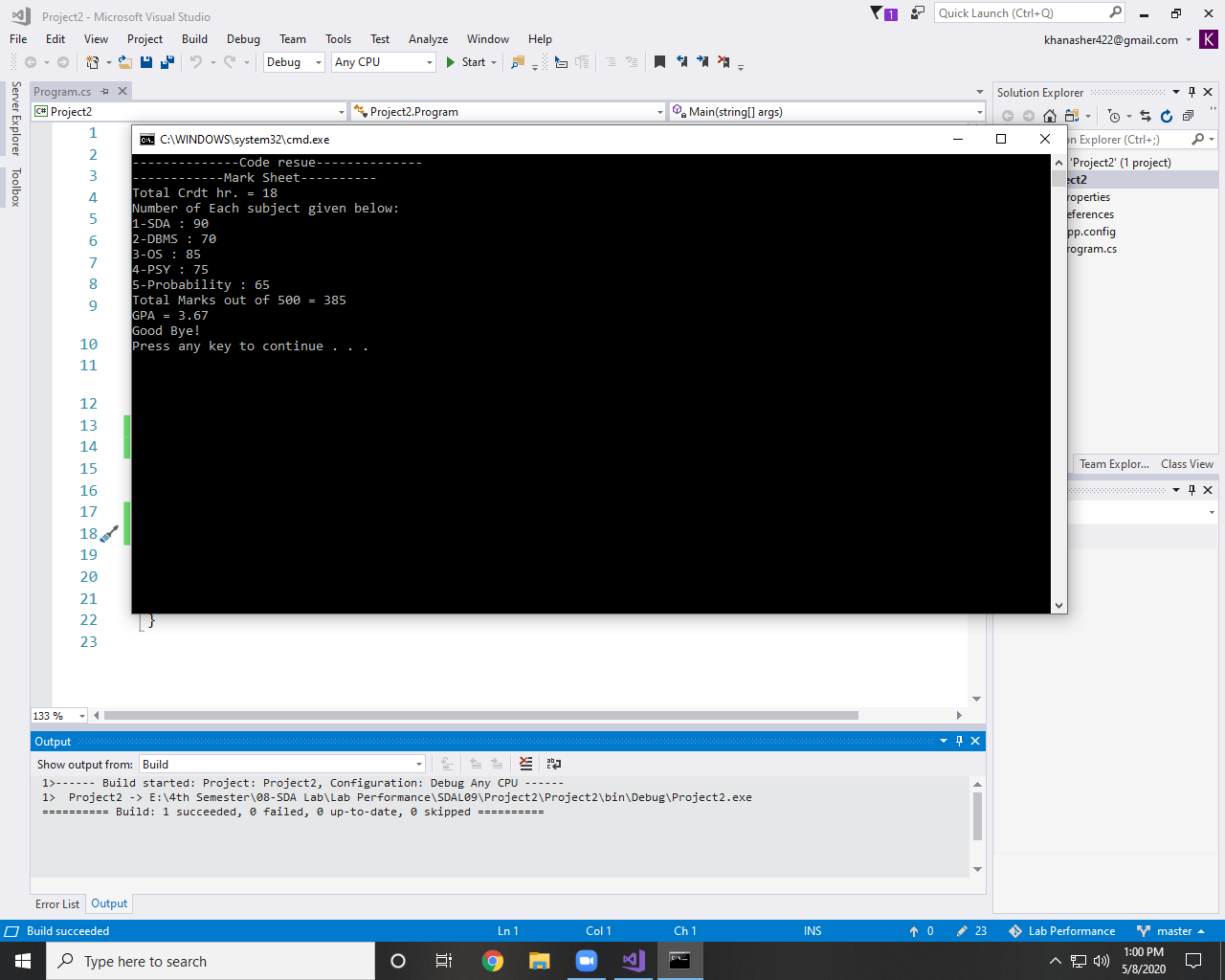
public void dislay()

{

Console.WriteLine("Total Marks out of 500 = {0}",total);

Console.WriteLine("GPA = {0}",gpa);}}

**Output:-**



Q: Consume Google Maps Api in Html Webpage.

Code:-

@{

ViewBag.Title = "Home Page";

}

<style>

#map {

height: 700px;

width:700px;

}

</style>

<br>

<div class="row">

<script>

var map;

function initMap() {

map = new google.maps.Map(document.getElementById('map'), {

center: {lat: -34.397, lng: 150.644},

zoom: 8

});

}

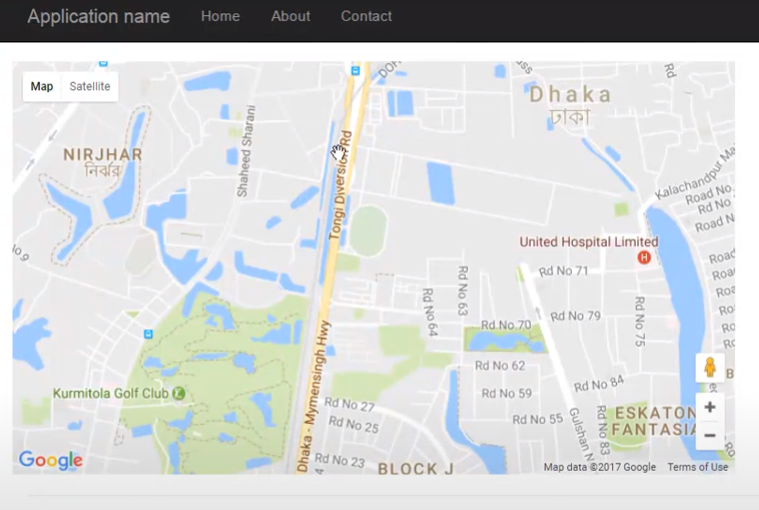
</script>

<script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyA9GPZqhfx4OA\_VN6mS2peLX-P\_\_OgYSEM&callback=initMap"

async defer></script>

</div>

Output:-

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