#### **A Project Report on**

### .NET (TASK BASED)

Submitted as partial fulfillment of the requirement

For M.Sc. IT - Semester IV

**Prepared for Subject: IT Project (ITCC14)** 

#### **Prepared By**

Name of Student: Kanzariya Foram A

**Enrollment No.:21MSCIT22004** 

**Exam No.: 44400**5



# Shri Maneklal M.Patel Institute of Sciences and Research Kadi Sarva Vishwavidyalaya Department of M.Sc.IT, Gandhinagar

#### **ACKNOWLEDGMENT**

I am grateful to my internal guide **Yagnesh vyas** for providing me valuable guidance for the **IT PROJECT** (ITCC14) and other domain related information.

I would like to express my endless thanks to **AMIT Patil(BINARY REPUBLIKPVT.LTD)**, for giving invaluable advice, direction, support and transferring knowledge throughout the project work. Also my hearty gratitude to Head of Department, **Prof. (Dr.) B. R. Pandya** for giving me an opportunity for learning through the process of project work by which I can improve my technical skills along with practical exposure and its applicability in the industry.

Name of Student: Kanzariya Foram A. Signature of Student:

Enrollment No.: 21MSCIT22004



# Shri Maneklal M.Patel Institute of Sciences and Research Kadi Sarva Vishwavidyalaya 🦠 **Department of M.Sc.IT, Gandhinagar**

#### INTERNAL PROJECT CERTIFICATE

This is to certify that **Kanzariya Foram A.** having Enrollment No. 21MSCIT22004 was working for the M.Sc. IT department as project trainee from <15-dec-2022> to <21-MAR-2023>. During the above period, we found her to be very sincere and hardworking. She has completed IT Project (ITCC14) on <.NET task based> satisfactorily under the guidance of guide. We appreciate the enthusiasm & dedication towards work. We wish her very best in all his future endeavors.

**Project Guide** 

Mr. Yagnesh vyas Asst. Professor M.Sc. (IT) Department. Prof. (Dr.) B. R. Pandya Head of Department, M.Sc. IT



Date: 21.03.2023

#### **Internship Completion Certificate**

This is to certify that **Ms. Foram Kanzariya** (21MSCIT22004) a student of M.Sc. - IT, KSV University, Gandhinagar has completed her onsite full-time internship at **Binary Republik**, South Bopal, Ahmedabad from 16<sup>th</sup> December 2022 to 21<sup>st</sup> March 2023.

Please find the following detail regarding the project completed:

1	Project Title	Time Reporting System (TRS)
2	Technology/Tools/Software	FrontEnd : Angular BackEnd : DotNet Core DataBase : SQL Server
3	Mode of Internship	Onsite
4	Project Guide/Mentor	Mr. Jay Pankhania Sr. Software Developer jay.pankhania@binaryrepublik.com

During her internship with us we found her to be hard working, diligent and honest in performing her duties.

We wish her all the best for her future assignments.

With best wishes.

Piyush Patel

Project Manager

Binary Republik

# SHRI MANEKLAL M.PATEL INSTITUTE OF SCIENCE & RESEARCH

# M.SC(INFORMATION TECHNOLOGY)

SEM-4

**PROJECT REPORT: TASK BASE** 

**COMPANY NAME: BINARY REPUBLIK PVT.LTD** 

LANGUAGE: .NET

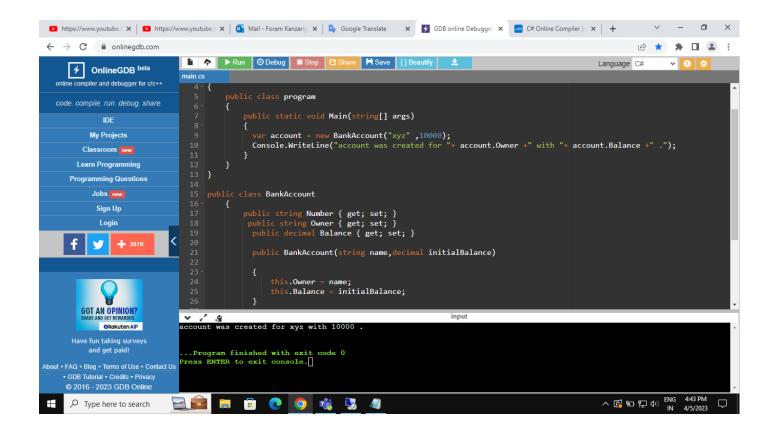
**STUDENT NAME:** Kanzariya Foram A.

**ENROLLMENT NO: 21MSCIT22004** 

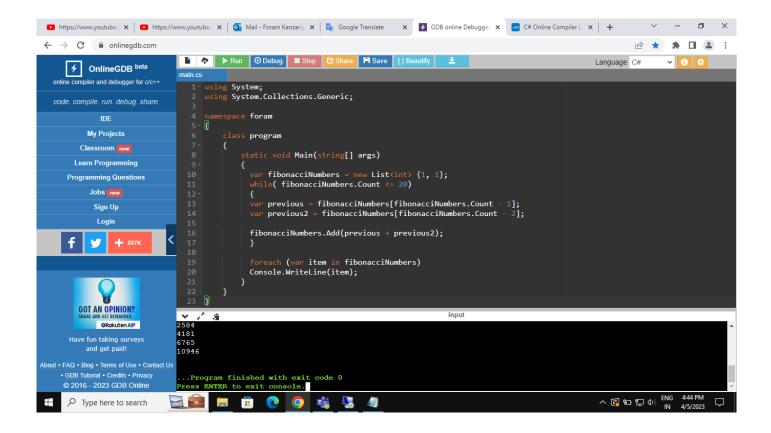
# **INDEX**

- 1. which is C# class and object
- 2. which is C# fibonacci series
- 3. which is C# abstract class
- 4. which is C# inheritance
- 5. which is C# polymorphism
- 6. Write a method that overloads the GetName() method by taking in a name and printing "Hello" with that name
- 7. Write a method that overloads the PerformAction() method with two arguments it could be numbers or strings.
  - If both arguments are number then it should return Sum of both numbers.
  - If both arguments are strings then it should return concate of both string with space as separator.
  - If there is no any arguments then it should print "Enter correct values".
- 8. Registration form in Javascript with validation
- 9. Employee Details task with jQuery
- 10. Timesheet task with jQuery.
- 11. Todo task with jQuery.
- 12. Registration form in .net mvc
- 13. Make dummy web API in .net mvc.
- 14. Work with database and do all operations on that
- 15. CRUD operation in .net mvc with local file image
- 16.time sheet

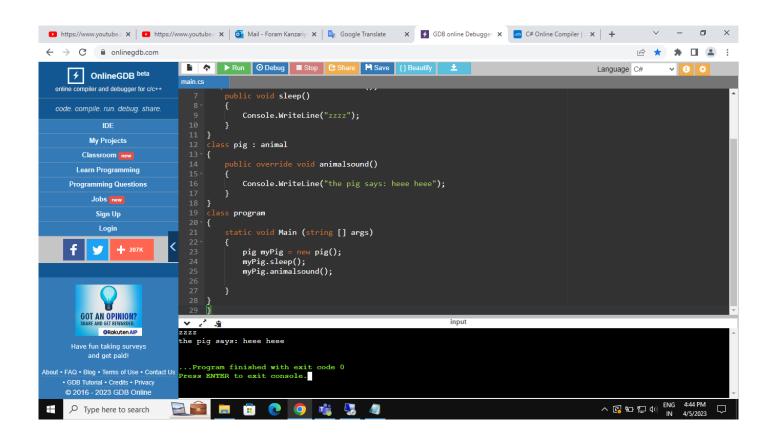
# Task:1 which is C# class and object.



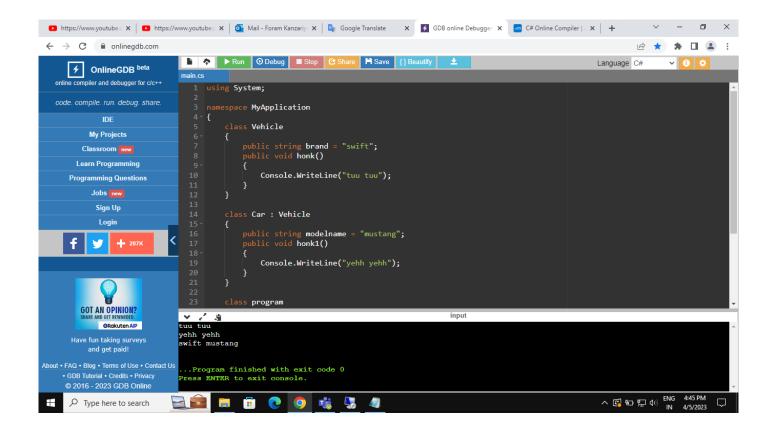
#### Task: 2 which is C# fibonacci series.



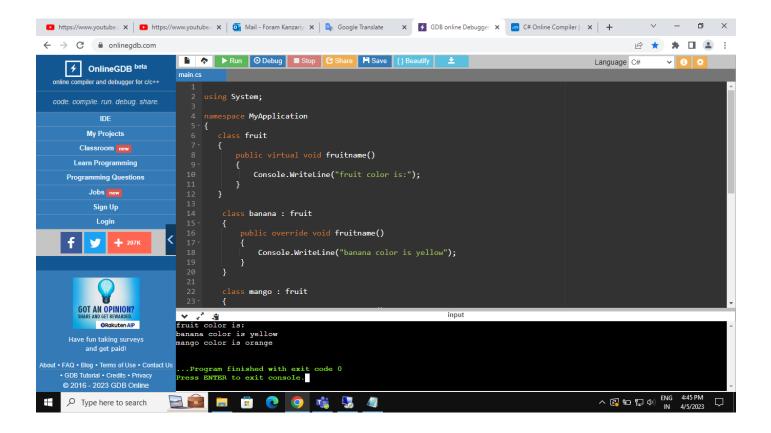
#### Task:3 which is C# abstract class.



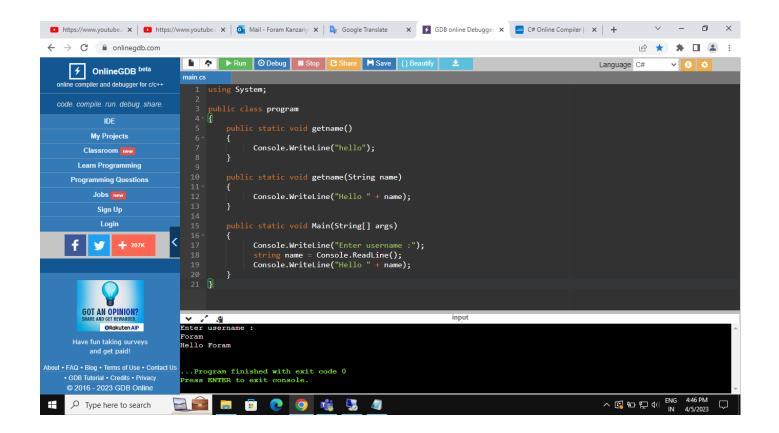
#### Task:4 which is C# inheritance.



# Task:5 which is C# polymorphism.



Task:6 Write a method that overloads the GetName() method by taking in a name and printing "Hello" with that name.

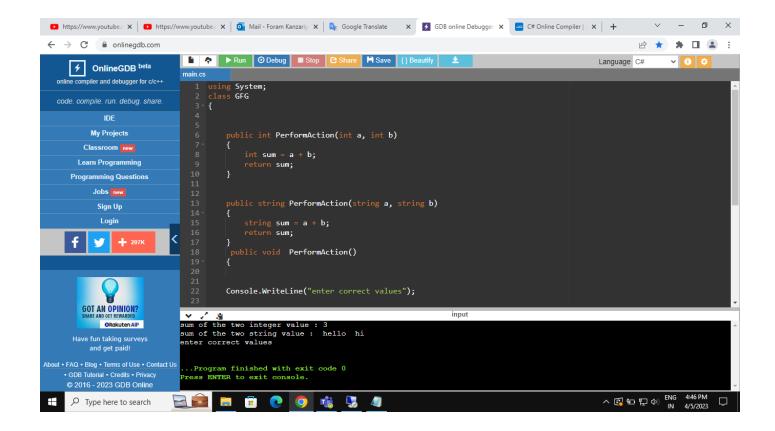


Task:7 Write a method that overloads the PerformAction() method with two arguments it could be numbers or strings.

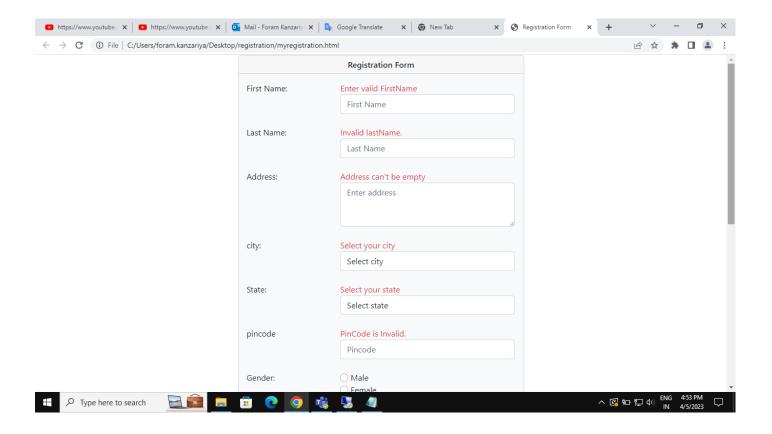
If both arguments are number then it should return Sum of both numbers.

If both arguments are strings then it should return concate of both string with space as separator.

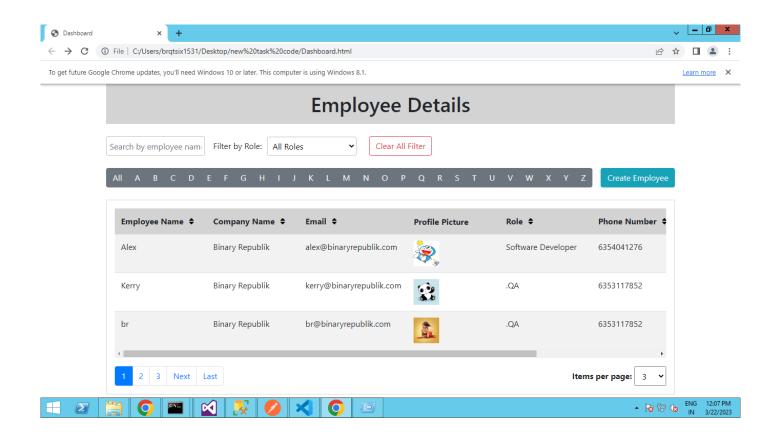
If there is no any arguments then it should print "Enter correct values".



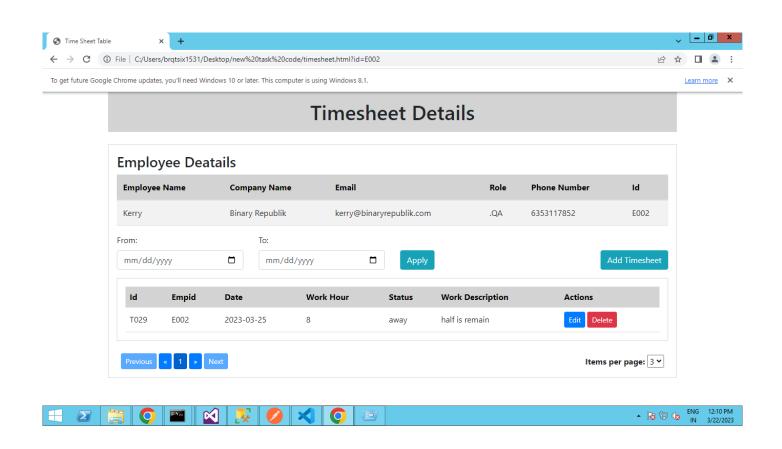
# Task:8 Registration form in Javascript with validation.



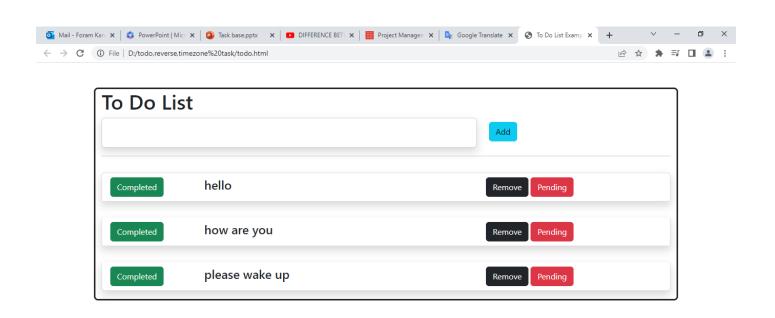
# Task: 9 Employee Details task with jQuery.



# Task:10 Timesheet task with jQuery.

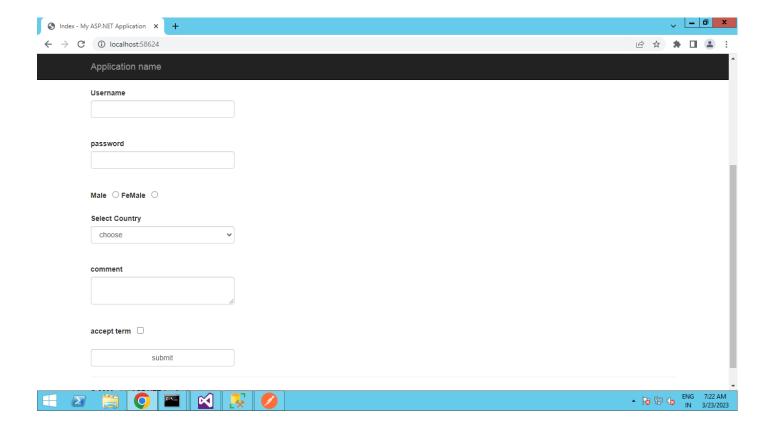


# Task:11 Todo task with jQuery.

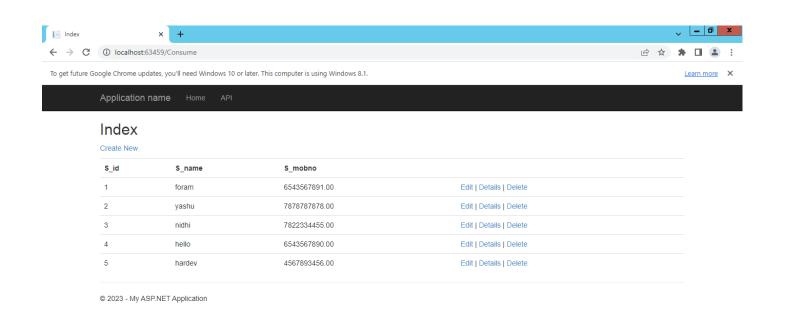




# Task:12 Registration form in .net mvc

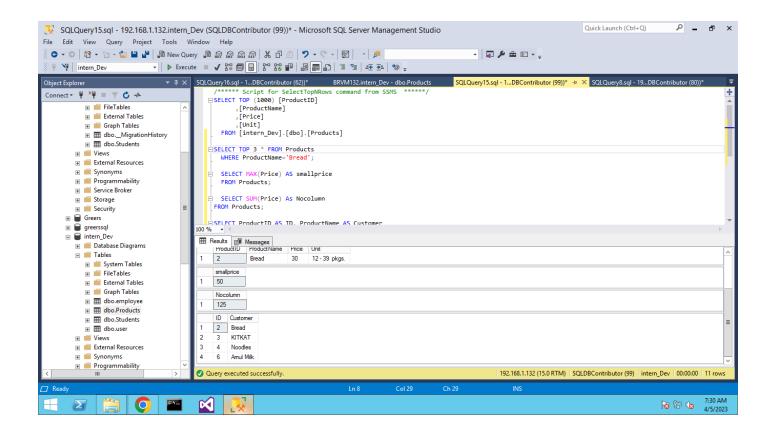


# Task:13 Make dummy web API in .net mvc.

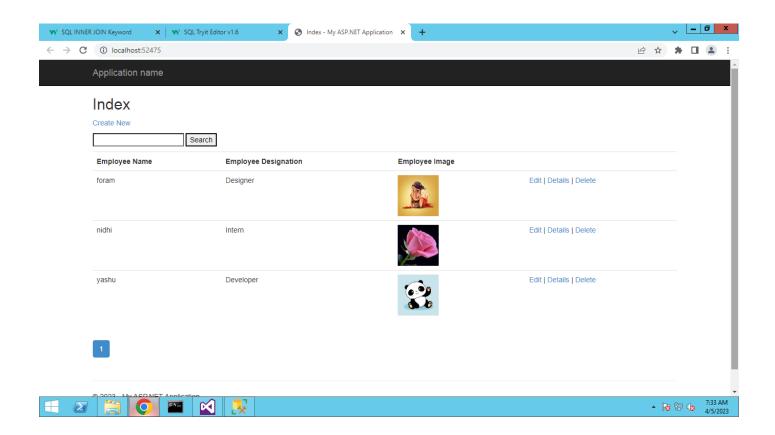


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# Task:14 Work with database and do all operations on that



# Task:15 CRUD operation in .net mvc with local file image.



# **Time Sheet**

#### Spent time (568.00 Hours)

#### BR - Intern - Training / BR - Intern - Foram Kanzariya (568.00 Hours) showing time for: Foram Kanzariya

~	Date	Member	Activity	Project	Version	Issue	Comment	Hours	
	12/16/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	complete the c# oops concept	8.00	1
	12/19/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	complete the c# oops concept and watch some video of c#	8.00	1
	12/20/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	complete the c# video only 3 video are remain out of 19	8.00	6
	12/21/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	complete the c# all video	8.00	
0	12/22/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	learn oops concept and perform the task of the get method.	8.00	
	12/23/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	query in today task	8.00	
	12/26/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	complete the today task	8.00	
	12/27/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	remain half task	8.00	
כ	12/28/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	complete tomorrow task and also today.	8.00	
כ	12/29/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya		Task #25617: OOPS With C#	complete today task with exception.	8.00	4

			Kanzariya	OOPS With C#			
12/30/2022	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25617; OOPS With C#	complete to watch the string() method ,split()method, array etc.	8.00	2
01/02/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25617: OOPS With C#	today saw the concept of regex.	8.00	<b>/</b>
01/03/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25617; OOPS With C#	complete the some JS concept.	8.00	2
01/04/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25617: OOPS With C#	complete the arithmetic ,assignment ,datatype ,object etc	8.00	<b>/</b>
01/05/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25617: OOPS With C#	complete the JS some concept ,complete some DOM point ,clear some HTML concept.	8.00	<b>/</b>
01/06/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	complete to analyze JSON and DOM some concept ,HTML some concept	8.00	<b>/</b>
01/09/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete JS concept and start the designing in a task.	8.00	2
01/11/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete to use of bootstrap and start to give validation on registration form.	8.00	2
01/12/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete the validation in registration form.	8.00	<b>/</b>
01/13/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	completed registration form with validation.	8.00	2
01/16/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS,	complete the registration form and change date of birth validation .	8.00	2

01/17/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	half complete DateTimeConvension task.	8.00	
01/18/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	completed half DateTimeZone task and string reverse method.	8.00	<b>/</b>
01/19/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete datetime task and string but without overload.	8.00	/ iii
01/20/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete string reverse method task and DateTime convention task.	8.00	<b>/</b>
01/23/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete oops analysis with inheritance, abstraction, polymorphism.	8.00	2
01/24/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	completed analysis on jQuery syntax , selector , event, hide/show , get , set.	8.00	2
01/25/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	completed use of any four selectors is done , analysis on jQuery traversal.	8.00	2
01/27/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	complete the <ui>, <ii> task with hide the second child of <ii>, complete the table append with jQuery, complete analysis on jQuery.</ii></ii></ui>	8.00	<u>/</u>
01/31/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Complete the EmployeeDetails task , Analysis on second task which is Employee Registration form with ajax.	8.00	2
02/01/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	complete the Employee Details task with c# and complete the designing and validation almost in Employee Registration task.	8.00	2

02/02/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	complete C# employee data task and also complete Employee Registration form.	8.00	
02/03/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	Task 1 which is c# task in that task done the functionality of method overloading or exit criteria. Task 2 which is HTML, CSS ,JavaScript in that task done to create a Employee form and add data on API. Task 3 which is same as task 2 just update and del	8.00	
02/06/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	in update funtionality pop-up type is remain.	8.00	2
02/07/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Task 1 which is c# task in that task done the functionality of method overloading or exit criteria. Task 2 which is HTML, CSS ,JavaScript in that task done to create Employee form and add data on API. Task 3 which is same as task 2 but update and delete	8.00	<b>2</b>
02/08/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Task 1 which is c# task in that task done the functionality of method overloading or exit criteria. Task 2 which is HTML, CSS "JavaScript in that task done to create Employee form and add data on API. Task 3 which is same as task 2 but in task 3 I comple	8.00	
02/09/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Employee details task of c# is done, and fetch data with API is done and also done update and delete or pagination.	8.00	2
02/10/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	all task are done with functionality	8.00	<u>/</u>
02/13/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete the changes on the task like in delete functionality yes or no ,page is not reload or update employee validation.	8.00	2

					HIML, JS	reload or update employee validation.		\$.93
	02/14/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete the all task with all functionality.	8.00	
	02/15/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	The all-previous task is done, start the designing on Employee-timesheet task.	8.00	<b>/</b>
	02/16/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today do the design & get the data from the JSON.	8.00	2
	02/17/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today do the design & get the data from the JSON get the profile picture from the file insted of path.	8.00	2
	02/20/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	Today create Employee Details page redirect it and try to do update and delete Employee.	8.00	2
	02/21/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today create Employee Details page and create model for it, and create model for update and try for searching	8.00	2
0	02/22/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today done functionality of searching and sorting .	8.00	2
	02/23/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today done functionality of CRUD	8.00	2
	02/24/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today done functionality of CRUD	8.00	2
0	02/27/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	today try to done timesheet CRUD operation	8.00	<b>/</b>
	02/28/2023	Foram Kanzariya	Training	BR - Intern - Foram	Task #25726:	Today done CRUD operation on timesheet &	8.00	0

	03/01/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	today change in design & apply the validation and also pagination.	8.00	
	03/02/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	today done the pagination & validation.	8.00	2
	03/03/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	done the funtionality of pagination & validation & design in Employee details page & Timesheet page.	8.00	2
	03/06/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	Today done the Alphabetic search ,	8.00	1
	03/09/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today done the profile picture functionality from local storage.	8.00	ti
<u></u>	03/10/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	Today done the some isuue in validation which found during the analysis.	8.00	Ø.
כ	03/13/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Changed the design of the timesheet today and used regex for hours and analysis on the code.	8.00	ĺ
כ	03/14/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	changes in the employee or timesheet task.	8.00	1
כ	03/15/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	complete the whole functionality in timesheet which is remain tomorrow fetch the employee data in timesheet & current week timesheet only show.	8.00	
)	03/16/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS,	today analysis on ASP.NET core web api & install visual studio 2019.	8.00	)

	03/17/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today start analysis on ASP.NET core web Api ,how to make web Api & how to do CRUD on that.	8.00	
	03/20/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	Today make one fake API and do CRUD on that with the help of Postman & also connect data with database	8.00	<b>/</b>
0	03/21/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today make one fake API and do CRUD on that with the help of Postman & also connect data with database & CRUD is done with database.	8.00	<u>/</u>
	03/22/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today make one fake API with database & CRUD is done with database & start to learn .NET MVC.	8.00	<b>/</b>
	03/23/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	Today analysis on .NET MVC & Learn about HTML helper method or _layout.cshtml & create a registration page with the help of helper method of html.	8.00	2
	03/27/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML, JS	today start learn code first approach	8.00	<b>/</b>
	03/28/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	today complete the code first approach and database first approach.	8.00	/
<u></u>	03/29/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	Today complete the codefirst approach with migration & database first approach.	8.00	2
<u></u>	03/30/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML , JS	Today analysis on .NET MVC & Learn about Session , Cookies, and difference between Session & Cookies and do program on that.	8.00	2
ם	03/31/2023	Foram Kanzariya	Training	BR - Intern - Foram Kanzariya	Task #25726: Bootstrap, CSS, HTML JIS	Today I created a web API and connected it to a database and consumed a web form and negformed CRUD operations on it	8.00	2