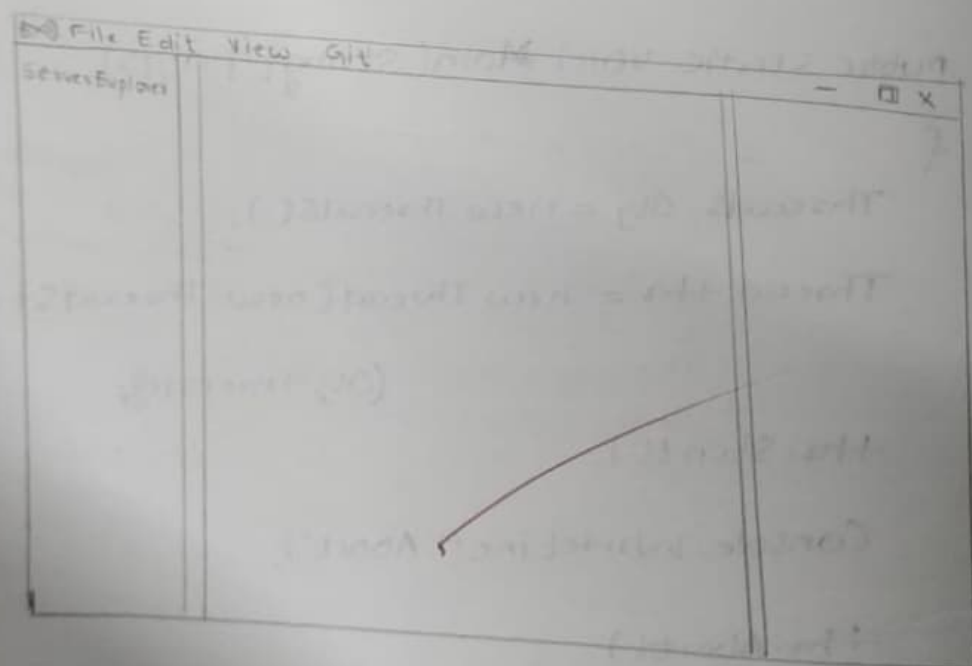# Task-08

Create a sample program to demonstrate insertion of data into database.
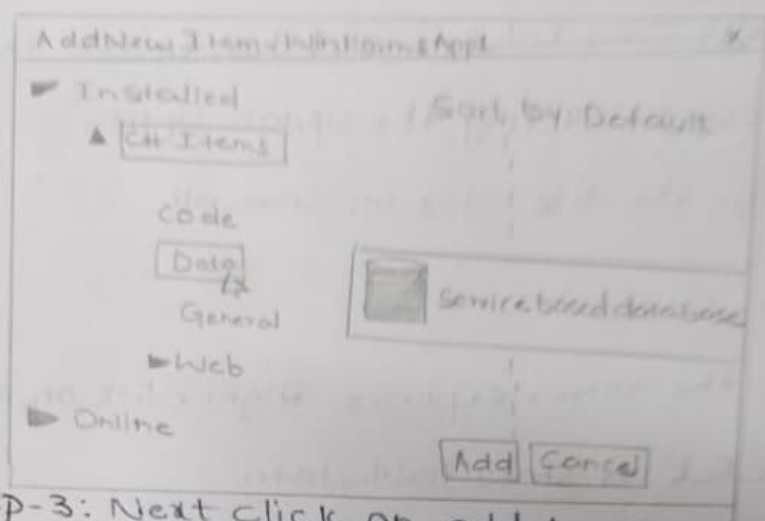
Step 1:

→ Open Visual Studio 2022 then click on Windows Forms APP (ASP.NET framework) in it.

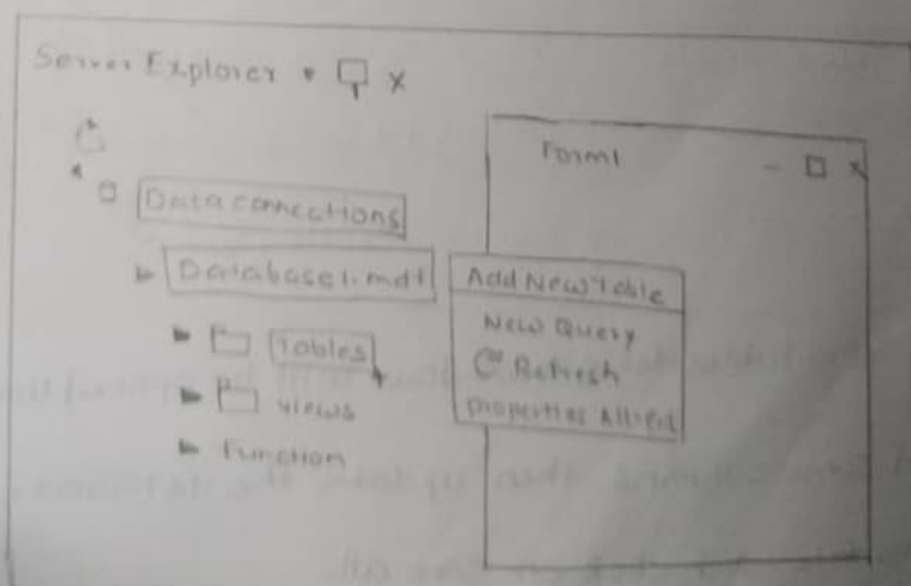→ Give the project name and click on create.

Step-2:

→ Go to the solution Explorer then right click on project name then click on add and add new item.

→ Select data, then select service based database.

```
Add New Item-WindowsApp1                              ×

  ☞ Installed                        Sort by: Default
     ▲ C# Items
          Code
          Data
            ↳
          General                    [   ] Service-based database
       ▶ Web
  ▶ Online
                                            [Add] [Cancel]
```

Step-3: Next click on add button.

Step-4:

→ Go to the menubar, click on View. From the topdown menu click on server explorer and then click on data connections.

→ Click on database1, drop menu will be displ- ayed. Right click on tables, then click on add new table.

→ Then dko, Table (design) window will be opened.

```
Server Explorer ▾ 🖵 ×

  ↻
  ◂
     ▫ Data connections

        ▶ Database1.mdf      Add New Table
                             New Query
           ▶ 🗁 Tables        ↻ Refresh
           ▶ 🗁 views         Properties Alt+Fd
           ▶ Function

                                      Form1        - □ ×
```

→ Then add some columns and then update the database by clicking the update option.

→ Then go the file, click on Save all.

Step: 5

→ Go to the Server explorer, Right click on tables, then click on show tabledata

→ Then add the coorequired data into the table.

→ Next update the database by clicking update.

→ Then click on save all.

dbo Table [Design] *		
*Update	Scriptfile	dbo.Table.sql ▼

Name	Datatype	AllowNulls	Default
Id	int	☐	

□ Design / ↑↓ / T-SQL

```
1 Create TABLE [dbo] [Table]
2 (
3   [Id] INT NOT NULL PRIMARY KEY
4 )
```

dbo Table(design) window will be opened Now add some columns then update the database Goto file and click on save all.

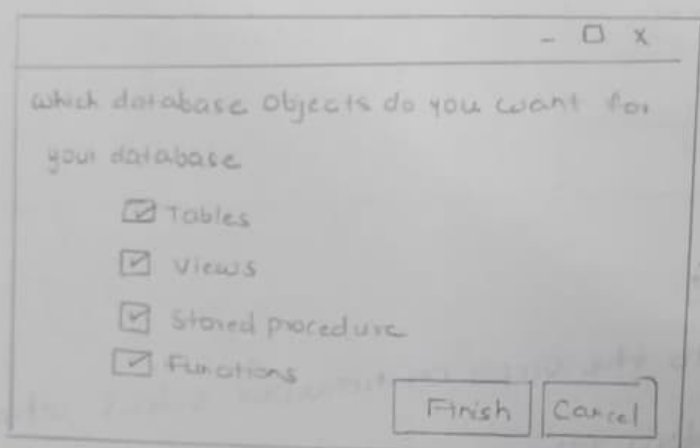| dbo.TABLE [DESIGN]		
↑ Update	Script file	form1 CSS [Design]
Id	Name	Phone No.
520	Apoorva	7995625196
420	Arjun	720285196
320	Alchila	6801228196
220	Nikhitha	9550525186
120	Sunny	9000661798

Step-6:

→ Go to the view on menubar, select other window forms.

Step-7:

→ Click on data sources, Add '+' New data sources, select the database Now select all the checkboxes, Click on next and then next, Now click on finish.
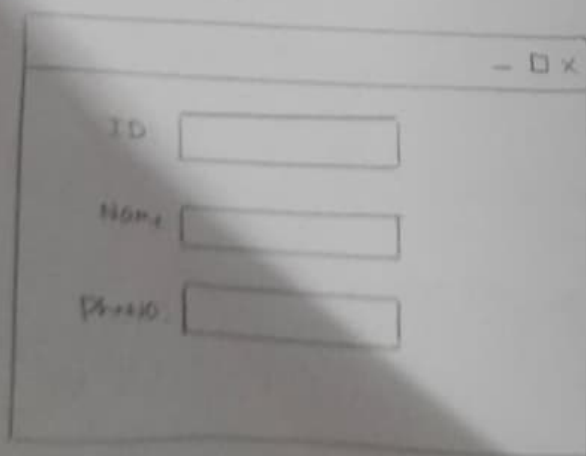
Step-8:

→ Go to the data sources, then click on database1,
dataset1.

→ Now Right click on tables.

→ Now select the grid view drag the table and
drop on the Form1.

```
                                    - □ x
_____

which database objects do you want for
your database

        ☑ Tables
        ☑ views
        ☑ stored procedure
        ☑ Functions
                            [ Finish ]  [ Cancel ]
```

Step 9:

→ In the same way do the same for table details,
go to data source then click on database1
dataset1. Now right click on tables select
details. Now drag and drop details into form1.

```
                                    - □ x
_____

    ID   [                    ]

    Name [                    ]

    Pass  [                    ]
```

Step 10:

Now click on start button (▲) in menu bar.