

Guidelines and instructions:

- This is a graded assignment, you can collaborate to understand the concepts, but plagiarism is not allowed. You are directed to complete all tasks individually. Any case of plagiarism would result in **0 marks**.
- Please follow the coding conventions
 - Indent your code properly
 - Use meaningful variable and method names, mind the usage of *PascalCase* and *camelCase* notation
 - Comment your code properly
- You are requested to
 - Create a new branch named **Assignment-05** in the repository you've created in the first assignment
 - If you have not created your repository then create one private repository on GitHub on this pattern: **Rollnumber-ES** (e.g., **BITF20M001-ES**)
 - Submit the GitHub link of your assignment on this form <https://forms.gle/gxUvSrWACYKpHv3L8>
- The submission deadline of this assignment is **Thursday, 12 October, 2023 10:14:59 AM**
- This assignment should not take more than 90 minutes to solve.
- Please note that the assignments submitted after the deadline will not be entertained

Happy coding 😊

In this assignment you have to perform CRUD operation using ADO.NET

1. Please create a console application, and implement the following
 - a. Create a DB on your local MS SQL Server, name it **AssignmentFive**
 - b. Create a table **Employees** with the following columns in the DB
 - **ID** (big int, Primary Key, auto increment)
 - **FirstName** (text, length: 255, mandatory)
 - **LastName** (text, length: 255, mandatory)
 - **Email** (text, length: 500, mandatory)
 - **PrimaryPhoneNumber** (text, length: 11, mandatory)
 - **SecondaryPhoneNumber** (text, length: 11, optional)
 - **CreatedBy** (text, length: 100, mandatory)
 - **CreatedOn** (date time, mandatory)
 - **ModifiedBy** (text, length: 100, optional)
 - **ModifiedOn** (date time, optional)

Please note that mandatory mean non nullable fields, and optional means nullable fields

- c. In your console application use ADO.NET and create a method that reads all of the records from the **Employee** table and prints it on the console. (Please print all of the columns of the record on the console)
- d. Create a method that inserts a record in the **Employee** table
- e. Create a method that deletes a record in the **Employee** table
- f. Create a method that selects an **Employee** record by ID from DB
- g. Create a method that updates an **Employee** record in the DB
- h. Please create a menu to perform all of the actions using console.