Task # 5

Develop a C# Windows Forms application for managing employee information. The application should have fields for entering employee details such as name, age, position, and salary. Include validation checks to ensure that the age is a positive integer and the salary is a positive decimal number. Implement functionality to add new employees to a SQL Server database table named 'Employees' and display all employees in a DataGridView.

1. **Design the User Interface (UI)** (2 marks):
   * Create a Windows Form with labels and textboxes for entering employee details.
   * Add a button for adding new employees and a DataGridView for displaying employee records.
2. **Implement Validation Checks** (2 marks):
   * Validate that the age is a positive integer.
   * Validate that the salary is a positive decimal number.
3. **Connect to the Database** (3 marks):
   * Use the **Microsoft.Data.SqlClient** namespace to establish a connection to the SQL Server database.
4. **Insert New Employees** (3 marks):
   * Write code to insert new employee records into the 'Employees' table.
   * Use parameterized queries to prevent SQL injection.
5. **Display Employees in DataGridView** (2 marks):
   * Retrieve employee records from the database and display them in the DataGridView.
6. **Overall Functionality** (3 marks):
   * Ensure that the application provides a user-friendly interface.
   * Include clear feedback messages for successful operations and error handling.

Total marks: 15