

C#-Developer Task

Thank you very much for your interest in working for us!

The following C# programming task was created to assess your C# skills, especially regarding GUI development. It is your next step in the hiring process.

We therefore would like you to complete the task and send us your solution. When doing this, please make sure to compress your project archive in a “.zip”-file.

Programming Task:

Main Goal: Develop a GUI using C#, which imports data from the attached CSV file and displays them in a window using the DataGridView-Control (WinForms) **or** DataGrid-Control (WPF).

Details:

- Create a graphical user interface, consisting out of a DataGridView-/DataGrid-Control and necessary buttons for other features
- With the press of a button, the user shall be able to select the attached books list (Books.csv) and import it automatically into the GUI and into the DataGridView/DataGrid
- Column Types:
 - o “Title”, “Author”, “Price” and “Year”: text columns
 - o “Binding”: combo box column
 - o “In Stock”: check box column
 - o “Description”: not displayed. Create a button column to show the description in a tool tip, message box, etc. when the user presses the button
- Rows with books, that are not in stock shall be highlighted
- The text of each cell in the “Price” column shall be colored according to its value (color gradient from highest to lowest price)
- Add another button which deletes all books from DataGridView/DataGrid, that are not in stock