

Date Controls and Timer Component

Sr. No.	Assignment Question
1.	<p>The BioMedicare research centre is a leading research centre in San Francisco, which specializes in biomedical researches. The centre trains only 20 students in a year. One of the rules of the centre is that the attendance of the students should be 90% in order to appear for the exams conducted after every six months. The head of the research team manually marks the daily attendance of the students in a register and calculate the total attendance at the end of the month. This centre realizes that this task of manual calculation and maintenance of registers is a tedious job. In order to overcome this problem, the university has decided to develop a desktop application that would automate the entire process. Using this application, the student details will be stored in arrays and the attendance percentage will be calculated based on the number of days the student has attended the lectures.</p> <p>Assume you are one of the developers at the research centre and have to perform the following operations:</p> <ol style="list-style-type: none">1. Create a desktop application to store the daily students attendance details:<ul style="list-style-type: none">Ø NameØ Roll Number of three numeric characters onlyØ Current date in an international formatØ Attendance having two mutually exclusive options as present or absent2. Use the Label, RadioButton, and DateTimePicker controls to create the application.3. Use the Label control and the Timer component to display the time on the upper-right corner of the form.4. Add two buttons on the form named Submit and Exit.5. On the click of the Submit button, a message box must appear stating that the attendance for the day has been registered successfully for the particular student along with the date and time.6. On the click of the Exit button, the application must be closed.7. Implement suitable validations for all the controls in the form and display suitable messages. <p>You have decided to use Windows Forms and C# language to develop the above application.</p> <p>Test the output by compiling the program and executing the same using Visual Studio 2005 IDE.</p>

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