

Appendix

D1 Visual Basic Challenge

Write a Visual C# Application that will build on our knowledge of the Bouncing Ball project.

In this project, we will start the ball at $x = 0$ and $y = (\text{height of the form} - 10) / 2$. We will move the ball to the right (positive speed) and change direction when it arrives at the right side of the form.

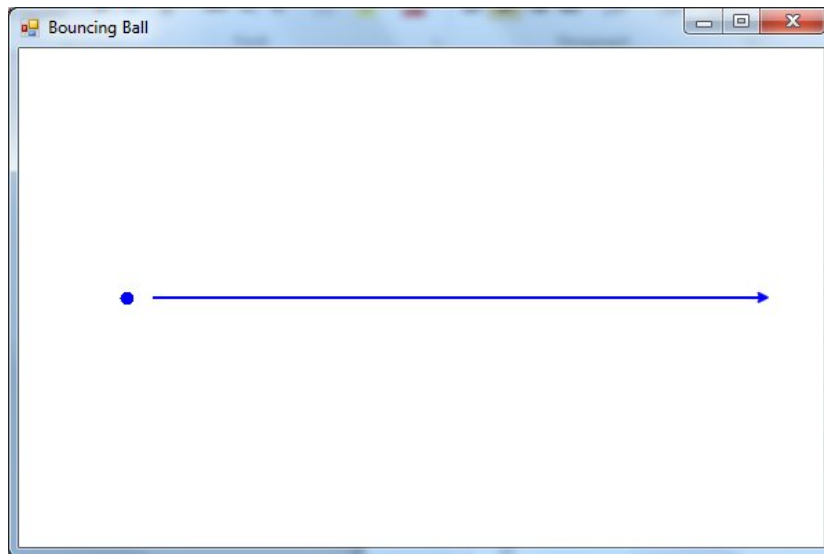


Figure D.1 – Recipe Conversion Program Application

Save the Visual C# Application as Bouncing Ball - Horizontal in the C# folder. Follow the instructions and save the project and run the program.

*** World Class CAD Challenge 190-14 * - Write a Visual C# Application that displays the project information for the above diagram. Complete the Visual C# application in less than 30 minutes to maintain your World Class ranking.**

Send your best time and a copy of your drawing for verification to the authors of these problems to have your name, location and time posted. See the web site for instructions.

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Appendix

D2 Visual Basic Challenge

Write a Visual C# Application that will build on our knowledge of the Bouncing Ball project.

In the same project, we will start the ball at $x = 0$ and $y = (\text{height of the form} - 10) / 2$. We will move the ball to the right (positive speed) and change direction when it arrives at the right side of the form. We will change the speed to 2 and run the application. What happens?

We will keep altering the speed and run the application. What happens? Can we continue to increase the speed and get acceptable results?

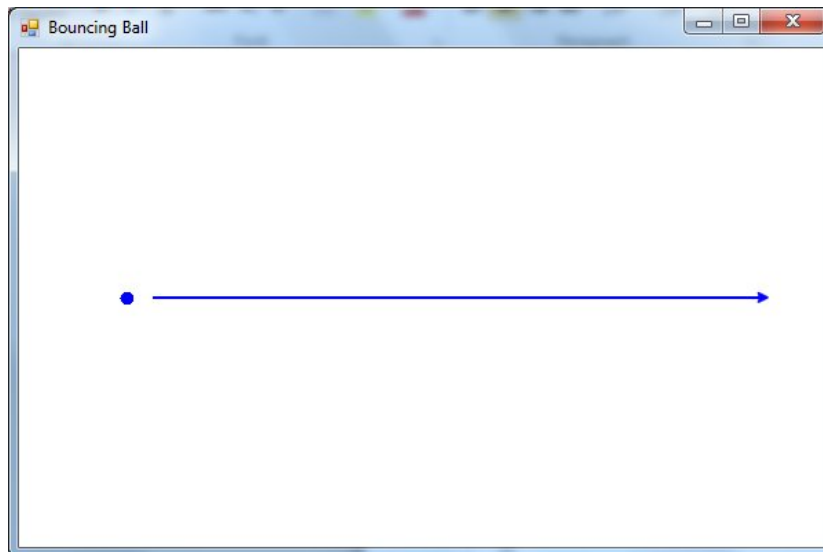


Figure D.1 – Recipe Conversion Program Application

Save the Visual C# Application as Bouncing Ball - Horizontal in the C# folder. Follow the instructions and save the project and run the program.

*** World Class CAD Challenge 190-15 * - Write a Visual C# Application that displays the project information for the above diagram. Complete the Visual C# application in less than 30 minutes to maintain your World Class ranking.**

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