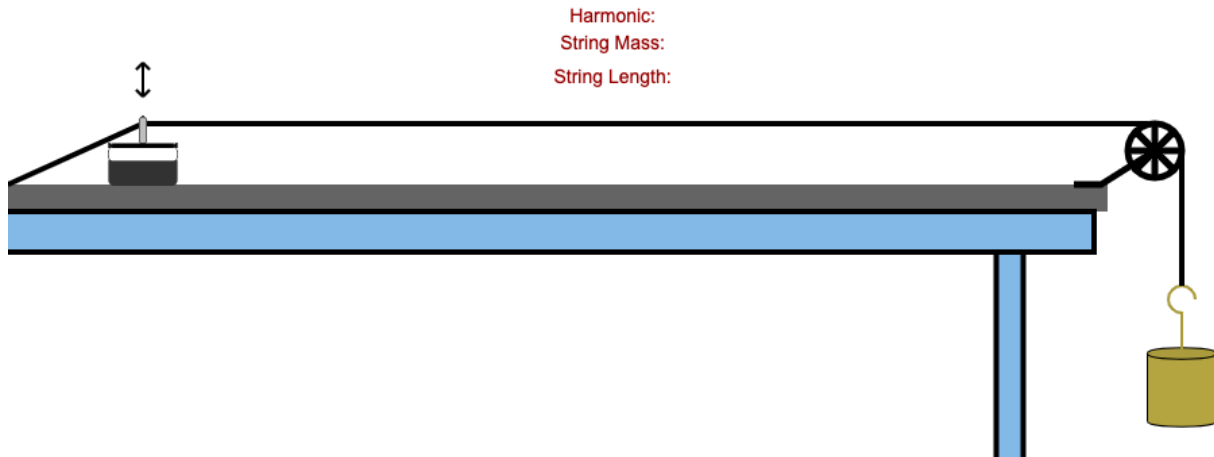


Speed of a Wave on a String

Step 1: Fill in all the values for the string and the hanging mass. Then draw what the wave pattern will look like on the string for the string that the program assigned to you.



Step 2: Calculate the force tension from the hanging mass

Step 3: Show your calculation to find the linear density of the string in kg/m. This will be a pretty small number and you should keep three non-zero digits.

Step 4: Show your calculation to find the speed of the wave in the string and then enter your answers into the program to make sure you did everything correctly