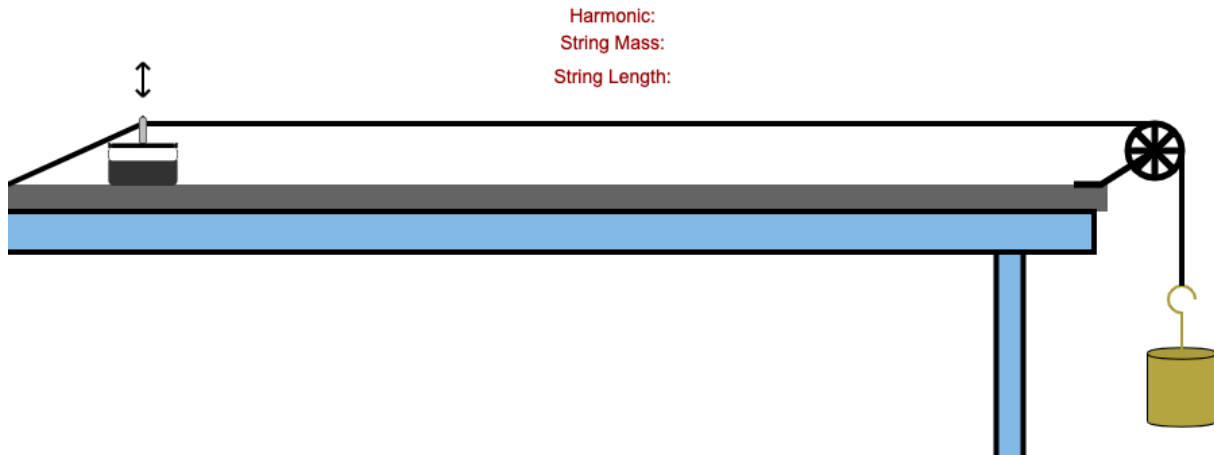


Frequency for Standing Waves on a String

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 harmonic that the program assigned to you.



Step 2: Calculate the force tension from the hanging mass

Step 3: Show your calculation to find the speed of the wave in the string

Step 4: Explain and/or show calculations on how you found wavelength based on the harmonic you were assigned

Step : Show your calculation of frequency and then enter your answers into the program to make sure you did everything correctly