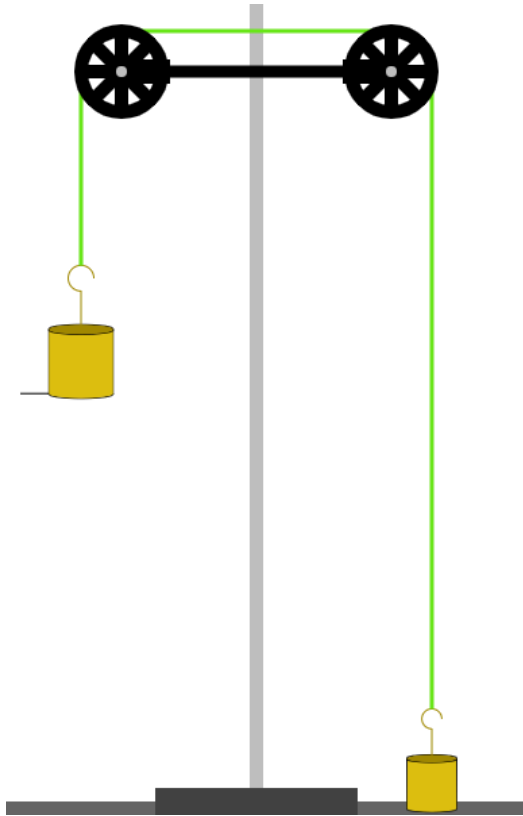


Atwood Problem

Step 1: Below is a picture of two masses that are connected together using a string draped over a pair of pulleys. Fill in the values for the mass of each of the objects and the distance that the heavier mass is above the table. Then in the space to the right of the picture, neatly show the calculation that is required to get the acceleration of the system



Step 2: Next, show your calculation to determine the time required for the heavier mass to fall to the table. Enter your answers into your program to check that you did everything properly

Step 3: How would your answers change as the mass of the lighter object is increased to a value closer to, but still less than, that of the heavier mass?