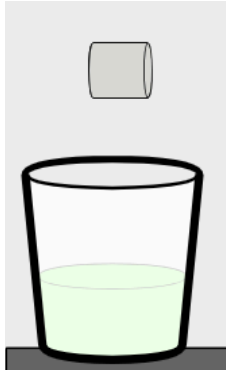


Specific Heat of a Fluid

Step 1: In the pictures below, fill in all the information you are given about the objects that make up your system before the objects are mixed and after they are mixed.



Step 2: Start by calculating the amount of heat that was lost by the hot solid.. Show your work neatly below

Step 3: Use the heat that you just found to calculate the specific heat of your liquid. Show your work neatly below. Enter your answers into the program to see if you did everything correctly.

Step 4: In this problem we assumed that all the energy lost by the solid entered the liquid. What are some steps we could take in performing this process that would limit energy loss to the environment?