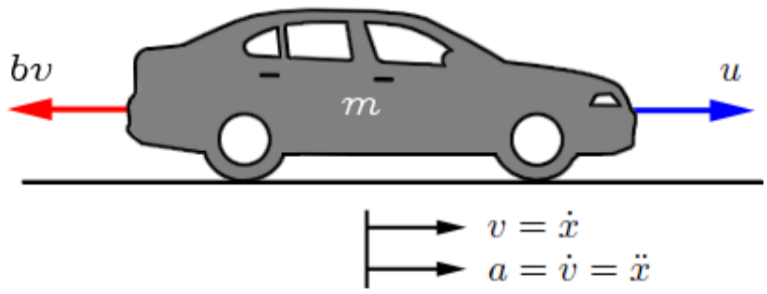
Consider the following simplistic model of a vehicle



In the above diagram, u is the input and output of interest is v (cruise control setting).

The equation of motion governing the system is given as

$$m\dot{v} + bv = u$$

Tasks for the problem:

1. Compute the transfer function object of the system using the `tf()` function and store it in a variable called `CCtf.`
2. Compute the impulse response for 180s and store the resulting output in `yImpulse`.
3. Compute the step response for 180s and store the resulting output in `yStep`.

The values for the parameters and time have been initialized for you. Please don't change these values.

Assume zero initial conditions.