Fire Robot

This is the simulation of Fire robot, where there is a temperature sensor which measures temperature and when temperature is greater than 100. The robot and servo start moving. The ultrasonic sensor helps to measure distance between objects and sensor which helps the robot to move left, right and forward which is shown in Serial Monitor. The Servo is attached to a potentiometer which can be used as arm. The potentiometer is used to move the servo from 0 to 180 which can be used to move objects.

The value from ultrasonic sensor is fed into DC motor which are used as wheels to move forward, left and right.

<https://www.tinkercad.com/things/hXyU7SgE6cc-robot/editel?sharecode=etEXQVjZvrxfCXNACYjbzBZTNfoQuE8TIwvSyWUm-vk>