# Import necessary libraries

import RPi.GPIO as GPIO

import time

# Set up GPIO

GPIO.setmode(GPIO.BOARD)

# Set up motion sensor pin

motion\_sensor\_pin = 7

GPIO.setup(motion\_sensor\_pin, GPIO.IN)

# Set up pump pin

pump\_pin = 11

GPIO.setup(pump\_pin, GPIO.OUT)

# Function to dispense sanitizer

def dispense\_sanitizer():

print("Dispensing sanitizer...")

GPIO.output(pump\_pin, GPIO.HIGH) # Turn on pump

time.sleep(3) # Run p