Word Code

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START PROGRAM
SET feed_time TO "08:00"
SET bowl_empty_limit TO 10 grams
SET max_retries TO 3
REPEAT FOREVER:
    current_time = CHECK CLOCK
    IF current_time == feed_time:
        hopper_level = MEASURE HOPPER
        IF hopper_level is EMPTY:
            SOUND BUZZER
            SEND ALERT "Hopper Empty"
            CONTINUE TO NEXT LOOP
        END IF
        SET try_number TO 1
        WHILE try_number ≤ max_retries:
            SPIN MOTOR for 2 seconds
            WAIT 5 seconds
            bowl_weight = MEASURE BOWL
            IF bowl_weight ≥ bowl_empty_limit:
                SEND ALERT "Feeding Successful"
                BREAK LOOP
            ELSE:
                INCREASE try_number BY 1
            END IF
        END WHILE
        IF try_number > max_retries:
            SOUND BUZZER
            SEND ALERT "Dispense Jam"
```