```python
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#
# Servo demonstration
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import RPi.GPIO as GPIO
from time import sleep

# Servo pin
SERVO_PIN = 18

# Use BroadComm pin numbers
GPIO.setmode(GPIO.BCM)

# Setup the servo
GPIO.setup(SERVO_PIN,GPIO.OUT)
pwm = GPIO.PWM(SERVO_PIN,50)
pwm.start(6.5)
sleep(1)
pwm.ChangeDutyCycle(0)

try:

    while True:

        duty_cycle = input('Enter Duty Cycle: ')
        duty_cycle = float(duty_cycle)

        pwm.ChangeDutyCycle(duty_cycle)
        sleep(0.5)
        pwm.ChangeDutyCycle(0)

finally:

    GPIO.cleanup()
```