

Python Program to create a Countdown Timer

```
import time
import datetime

# Create class that acts as a countdown
def countdown(h, m, s):

    # Calculate the total number of seconds
    total_seconds = h * 3600 + m * 60 + s

    # While loop that checks if total_seconds reaches zero
    # If not zero, decrement total time by one second
    while total_seconds > 0:

        # Timer represents time left on countdown
        timer = datetime.timedelta(seconds = total_seconds)

        # Prints the time left on the timer
        print(timer, end="\r")

        # Delays the program one second
        time.sleep(1)

        # Reduces total time by one second
        total_seconds -= 1

    print("Bzzzt! The countdown is at zero seconds!")

# Inputs for hours, minutes, seconds on timer
h = input("Enter the time in hours: ")
m = input("Enter the time in minutes: ")
s = input("Enter the time in seconds: ")
countdown(int(h), int(m), int(s))
```