Ch7ex07.py — ~/Documents/School/CIS110/Excercises/Ch7 — Atom

dan@dan-Alienware-m15: ~/Documents/School/CIS110/Excercises/Ch7

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Ch7ex07.py

```python
def main():
    print("Babysitting calc\n")
    print("Enter times use 24 hour format(e.g 8pm is 20:00)")
    sHours,sMin=input("Starting time (HH:MM): ").split(":")
    eHours,eMin=input("Ending time (HH:MM): ").split(":")

    start=int(sHours)+float(sMin)/60.0
    end=int(eHours)+float(eMin)/60.0

    if end<start:
        end=end+24

    bedtime=21.0

    if start<bedtime:
        if end <bedtime:
            primeHours=end-start
            extraHours=0.0
        else:
            primeHours=bedtime-start
            extraHours=end-bedtime
    else:
        primeHours=0.0
        extraHours=end-start
    pay=2.50*primeHours+1.75*extraHours
    print("The total payment due: ${0:0.2f}".format(pay))
main()
```

```
dan@dan-Alienware-m15:~/Documents/School/CIS110/Excercises/Ch7$ python3 Ch7ex07.py
Babysitting calc

Enter times use 24 hour format(e.g 8pm is 20:00)
Starting time (HH:MM): 21:20
Ending time (HH:MM): c
Traceback (most recent call last):
  File "Ch7ex07.py", line 27, in <module>
    main()
  File "Ch7ex07.py", line 5, in main
    eHours,eMin=input("Ending time (HH:MM): ").split(":")
ValueError: not enough values to unpack (expected 2, got 1)
dan@dan-Alienware-m15:~/Documents/School/CIS110/Excercises/Ch7$ clear




dan@dan-Alienware-m15:~/Documents/School/CIS110/Excercises/Ch7$ python3 Ch7ex07.py
Babysitting calc

Enter times use 24 hour format(e.g 8pm is 20:00)
Starting time (HH:MM): 20:00
Ending time (HH:MM): 21:30
The total payment due: $3.38
dan@dan-Alienware-m15:~/Documents/School/CIS110/Excercises/Ch7$ python3 Ch7ex07.py
Babysitting calc

Enter times use 24 hour format(e.g 8pm is 20:00)
Starting time (HH:MM): 21:15
Ending time (HH:MM): 23:45
The total payment due: $4.38
dan@dan-Alienware-m15:~/Documents/School/CIS110/Excercises/Ch7$ python3 Ch7ex07.py
Babysitting calc

Enter times use 24 hour format(e.g 8pm is 20:00)
Starting time (HH:MM): 19:00
Ending time (HH:MM): 01:30
The total payment due: $12.88
dan@dan-Alienware-m15:~/Documents/School/CIS110/Excercises/Ch7$
```