```python
time = input().strip().split(":")
a=time[0]
b=time[2][2:]
if a == "12" and b == "AM":
    time[0] = "00"
elif int(a) in range(1,12) and b=="PM":
    time[0] = str(int(a) + 12)
time[2]=time[2][:2]
print(":".join(time))
```