

Runner

Running at a **slow** pace takes you 8 minutes and 15 seconds per mile and running at a **moderate** pace takes you 7 minutes and 12 seconds per mile.

Write a `time_arrival` function (`n`, `m`) which, assuming a departure at 6.52 AM, given `n` miles traveled at a slow pace and `m` at a moderate pace, PRINTS the arrival time.

Input

The first line contains the `n` miles traveled at a slow pace.

The second line contains the `m` miles traveled at a moderate pace.

Output

The first line contains the arrival time.

Sample input

Sample output

0 0	6:52
2 5	7:44
8 5	9:34