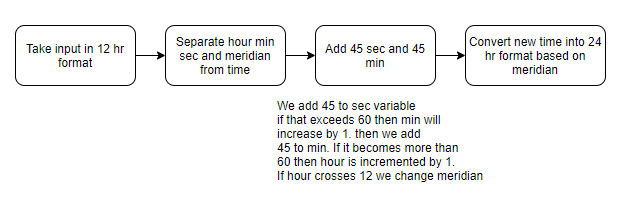
Flowchart:



Output:

