

TIME CONVERSION	
24 Hour Time	12 Hour Time
0	12 AM
1	1 AM
2	2 AM
3	3 AM
4	4 AM
5	5 AM
6	6 AM
7	7 AM
8	8 AM
9	9 AM
10	10 AM
11	11 AM
12	12 PM
13	1 PM
14	2 PM
15	3 PM
16	4 PM
17	5 PM
18	6 PM
19	7 PM
20	8 PM
21	9 PM
22	10 PM
23	11 PM

Converting 12 hour time to 24 hour time is relatively simple. Add 12 to any hours from 1 PM to 11 PM, and change 12 AM to 0.

For our program, you would simply add the minutes to the converted hour (no need to use a colon except for the midnight hour). For example 1:07 PM becomes 1307, 8:47 PM becomes 2047, 12:07 AM becomes 0:07, and so on.