#include <stdio.h>

#include <string.h>

char\* timeConversion(char\* s) {

int hour = (s[0] - '0') \* 10 + (s[1] - '0');

int minute = (s[3] - '0') \* 10 + (s[4] - '0');

int second = (s[6] - '0') \* 10 + (s[7] - '0');

char am\_pm = s[8];

if (am\_pm == 'P' && hour != 12) {

hour += 12;

} else if (am\_pm == 'A' && hour == 12) {

hour = 0;

}

sprintf(s, "%02d:%02d:%02d", hour, minute, second);

return s;

}

int main() {

char s[12];

gets(s);

printf("%s\n", timeConversion(s));

return 0;

}