

PROBLEM: Most hourly jobs require someone to enter information on a time sheet. The ACSL Amusement Park is open from 9:00 a.m. to 5:00 p.m. The Business Office enters a code representing the location where an employee works and the starting time and ending time for each day. The codes entered are as follows:

9:00 = 1	9:30 = 2	10:00 = 3	10:30 = 4	11:00 = 5	11:30 = 6	12:00 = 7
12:30 = 8	1:00 = 9	1:30 = A	2:00 = B	2:30 = C	3:00 = D	3:30 = E
4:00 = F	4:30 = G	5:00 = H				

Locations 100-199 get paid \$10.00 per hour with time and a half for any hours over 5 per day.

Locations 200-299 get paid \$7.50 per hour with double time for hours worked over 6 per day.

Locations 300-399 get paid \$9.25 for the first 4 hours and \$10.50 for the rest.

Locations 400-499 get paid \$13.50 per hour on Sundays (day 1) and Saturdays (day 7) and \$6.75 per hour otherwise.

Locations 500-599 get paid \$8.00 per hour for the first 6 hours per day and \$12.00 per hour after that.

INPUT: There will be 5 lines of input. Each line will contain the employee information for 2 work days. The data will represent in order the location, the day number, the start time and the end time for each day.

OUTPUT: The total amount of money that the employee gets paid for the two days printed as dollars and cents rounded to the nearest cent.

SAMPLE INPUT:

1. 125, 2, 1, 7, 125, 3, 5, H
2. 214, 4, 1, H, 314, 5, 5, H
3. 318, 1, 1, H, 319, 3, 3, D
4. 423, 1, 1, 7, 500, 2, 5, H
5. 529, 6, 1, G, 100, 4, 2, G

SAMPLE OUTPUT:

1. \$95.00
2. \$133.00
3. \$126.50
4. \$88.50
5. \$146.00

TEST DATA

TEST INPUT

1. 110, 7, 2, B, 220, 2, 4, H
2. 250, 2, 4, G, 350, 3, 2, 4
3. 500, 6, 5, H, 410, 1, 1, H
4. 375, 5, 3, F, 175, 4, 7, F
5. 430, 7, 1, 9, 460, 4, 9, G

TEST OUTPUT

1. \$97.50
2. \$54.25
3. \$156.00
4. \$98.00
5. \$77.63