By submitting this assignment, I agree to the following:
  "Aggies do not lie, cheat, or steal, or tolerate those who do."
  "I have not given or received any unauthorized aid on this assignment."

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Section: 213
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Assignment: Lab 4a_Act1
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Algorithm:

User inputs amount of time parked in hours. This string is converted to a floating-point number.

For the lost ticket charge, if the user inputs a number that is negative, the inputted number will become positive, and the parking fee will be what it would have been normally, with a $36 addition on top of that.

If the user inputted a negative number, make the number positive, so that the rest of the calculations can occur correctly.

If more than .0, round up with ceiling. (For example, 3.5 hours rounded up to 4 hours.)

Calculate the number of days parked by dividing hours by 24.

Additional hours parked in the parking garage is equal to days parked (in hours) subtracted from total hours parked.

For the maximum daily charge, if the total days parked in the garage is greater than or equal to 1, the parking fee is $24 multiplied by the days parked there.

If the additional hours parked is greater than or equal to 21 hours, the parking fee has $24 added to it.

If additional hours parked are 0 hours, then the parking fee has $0 added to it.

Else if additional hours parked are between 0 and 2 hours, inclusive, then the parking fee has $4 added to it.

Else if additional hours parked are between 3 and 4 hours, inclusive, then the parking fee has $7 added to it

Else (if additional hours parked are between 5 and 20 hours, inclusive), then the parking fee has $7 plus $1 per additional hour after 4 hours added.

Print output of total hours parked and total parking fee.