Box Seats

Info

The manager of a football stadium wants you to write a program that calculates the total ticket sales after each game. There are four types of tickets — box, sideline, premium, and general admission. After each game, data is stored in a flat file in the following form: `ticketPrice numberOfTicketsSold` Sample data are shown below:

```
250 5750
100 28000
50 35750
25 18750
```

The first line indicates that the ticket price is $250 and that 5750 tickets were sold at that price. Output the number of tickets sold and the total sale amount. Format your output with two decimal places.

Implementation

> These are the constants and functions used to calculate the program output.

```
profits = ticketPrice X ticketsSold
total_sales = tickets1 + tickets2 ... ticketsX
```

```
total_profits = profits1 + profits2 ... profitsX
```

Input

> *The following user data is needed to calculate the program output.*

- File Name -> string
- Stadium Data -> file (flat)

Example

```
"File:" StadiumData.txt
"StadiumData.txt" ->
250 5750
100 28000
50 35750
25 18750
```

Output

> *The following system data is output by the program.*

- Tickets Sold -> int
- Sales -> float

Example

"Tickets Sold:" 88250 tickets

"Total Sales:" $6,493,750.00