## Data Types

Write a function that, depending on the first line of the input, reads an **int**, **double** or **string**.

* If the data type is int, multiply the number by 2.
* If the data type is real, multiply the number by 1.5 and format the result to the second decimal point.
* If the data type is string, surround the input with "**$**".

Print the result on the console.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| int  5 | 10 |
| real  2 | 3.00 |
| string  hello | $hello$ |