

Word Problem: order

Directions: Alice's Restaurant has hired you as a programmer. They offer the following menu items: hamburger (\$6.00), onion rings (\$3.50), fried tofu (\$5.25) and pie (\$2.25). Write a function called `order` which takes in the name of a menu item and outputs the price of that item.

Contract and Purpose Statement

Every contract has three parts...

; order	:	String	->	Number
<i>function name</i>		<i>domain</i>		<i>range</i>

what does the function do?

Examples

Write some examples, then circle and label what changes...

(EXAMPLE	<u>order</u>	<u>"hamburger"</u>	<u>) "6.00"</u>	<u>)</u>
	<i>function name</i>	<i>input(s)</i>	<i>what the function produces</i>	

(EXAMPLE	<u>order</u>	<u>"pie"</u>	<u>) "2.25"</u>	<u>)</u>
	<i>function name</i>	<i>input(s)</i>	<i>what the function produces</i>	

(EXAMPLE ())

function name *input(s)* *what the function produces*

(EXAMPLE ())

function name *input(s)* *what the function produces*

Definition

Write the definition, giving variable names to all your input values...

<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left; margin-right: 10px;">(define (order</div> <div style="border-bottom: 1px solid black; width: 150px; margin: 0 auto;"></div> <div style="text-align: right; margin-left: 10px;">)</div> </div> <div style="text-align: center; margin-top: 5px;"> <i>function name</i> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left; margin-right: 10px;">(define (order</div> <div style="border-bottom: 1px solid black; width: 150px; margin: 0 auto;"></div> <div style="text-align: right; margin-left: 10px;">item</div> </div> <div style="text-align: center; margin-top: 5px;"> <i>variable(s)</i> </div>
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(cond

```
[(string=? item "hamburger") 6.0]
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```
[(string=? item "onion rings") 3.5]
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```
[(string=? item "fried tofu") 5.25]
```

```
[(string=? item "pie") 2.25]
```

[illegible]

what the function does with those variable(s)