

Alice's Restaurant - Practice

Alice's code has some new elements we haven't seen before, so let's experiment a bit to figure out how it works! **Open the "Alice's Restaurant" starter file, click "Run", and try using the `cost` function in the Interactions window.**

1. What does `(cost "hamburger")` evaluate to? _____
2. What does `(cost "pie")` evaluate to? _____
3. What if you ask for `(cost "fries")`? _____
4. Explain what the function is doing in your own words.

5. What is the function's name? _____ Domain? _____ Range? _____
6. What is the name of its variable? _____
7. Alice says onion rings have gone up to \$3.75. Change the `cost` function to reflect this.
8. Try adding food items of your own. What's your favorite?
9. For an unknown topping, the function produces a String ("That's not on the menu!")
Is this a problem? Why or why not?

10. Draw two Circles of Evaluation, one for `(cost "fried tofu")` & one for `(cost "meatloaf")`.