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Reflecting on Computer Science 101



01. small samples by hand
02. algorithm
03. find a pattern
04. work another example by hand
05. translate to code
06. test the program
07. debug program

Projects and Assignments

sandwichBar.py

```
def whichorder(available, orders)
```

```
    available_set = set(available)
```

```
    for index, order in enumerate(orders)
```

```
        ingredients = order.split()
```

```
        if all(ingredient in available_set
```

```
            for ingredient in ingredients
```

```
                return index
```

what I have learned in class

key concept:

variables, functions, loops, dictionary

programming mindset:

how to break problems into small parts

new skills:

writing clean code, reading error messages

big ideas:

thinking algorithmically

future

01: improved research and logical thinking

02: programming will help me analyze data in psychology and neuroscience

03: better situated in tech-focused workforce