

# COMP 1012

Objects intro

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# Objects

When would we use them? When would we use a  
`dict`?

A dictionary like

```
{"name": "Bob", "age": 14}
```

Could also be a tuple

```
("Bob", 14)
```

# What's missing

They're both good!

`dict`: We don't have functions to control the data.

Code to control it goes everywhere

`tuple`: Has no context. We have to trust in ourselves  
to always put the name in `[0]` and age in `[1]`

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`tuple`: Has no context. We have to trust in ourselves  
to always put the name in `[0]` and age in `[1]`

We will fail at doing that

# Objects

We've seen class person

```
class Person:
    def __init__(self, name, age):
        self.name = name
        self.age = 10
```

Now, all functions related to this data are

- clear
- in one place

And

We can start protecting ourselves

# And

We can start protecting ourselves... from ourselves



# And

We can start protecting ourselves... from ourselves

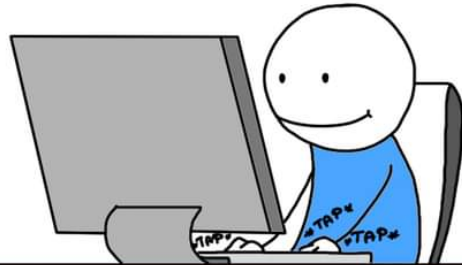
Add a function to “add age”

# Summary

Objects are good! They feel like overkill at first, but they pay off!

# UNFINISHED WORK

FRIDAY EVENING



PERFECT!  
I'LL FINISH  
THIS ON  
MONDAY



MONDAY MORNING...



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