

- Imagine you're rich and powerful, and have a butler, or secretary, or similar
 - We'll call our secretary George
- Every day, you give George a stack of letters you've written
- Most of the letters, he'll just drop off with USPS, and let the post[wo]man handle
- However, if the letter is going to someone *really* important, he'll deliver it himself



- We can somewhat abstract this into Python code like the following:

```
def george_handles_your_mail(letters):  
    for letter in letters:  
        if (letter.is_very_important):  
            george_deliver_the_letter(letter, letter.address)  
        else:  
            usps_deliver_the_letter(letter)
```



- Perhaps we don't want to be restricted to always picking from two options
- Maybe the recipient of your very important letter is coming into town tomorrow, so you can hand the letter off to her in person
- How would we handle something like this?
- We could try to add a ton of `if/elif` statements to consider every possibility
- But, that's hard, because we might not *know* yet what all of the options are
- We can tell him, "For each letter, ask Anna what to do with it. Then, do what Anna tells you"

- Abstracted, *that* might look like this:

```
def george_handles_your_mail_with annas_help(letters, ask_anna):  
    for letter in letters:  
        delivery = ask_anna(letter)  
        delivery(letter)
```



Now, let's go see how this translates to real code, and some more practical applications