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**APT #6 IS
DUE
TONIGHT!!!**

*Have you been
able to debug
MedalTable!!!!*

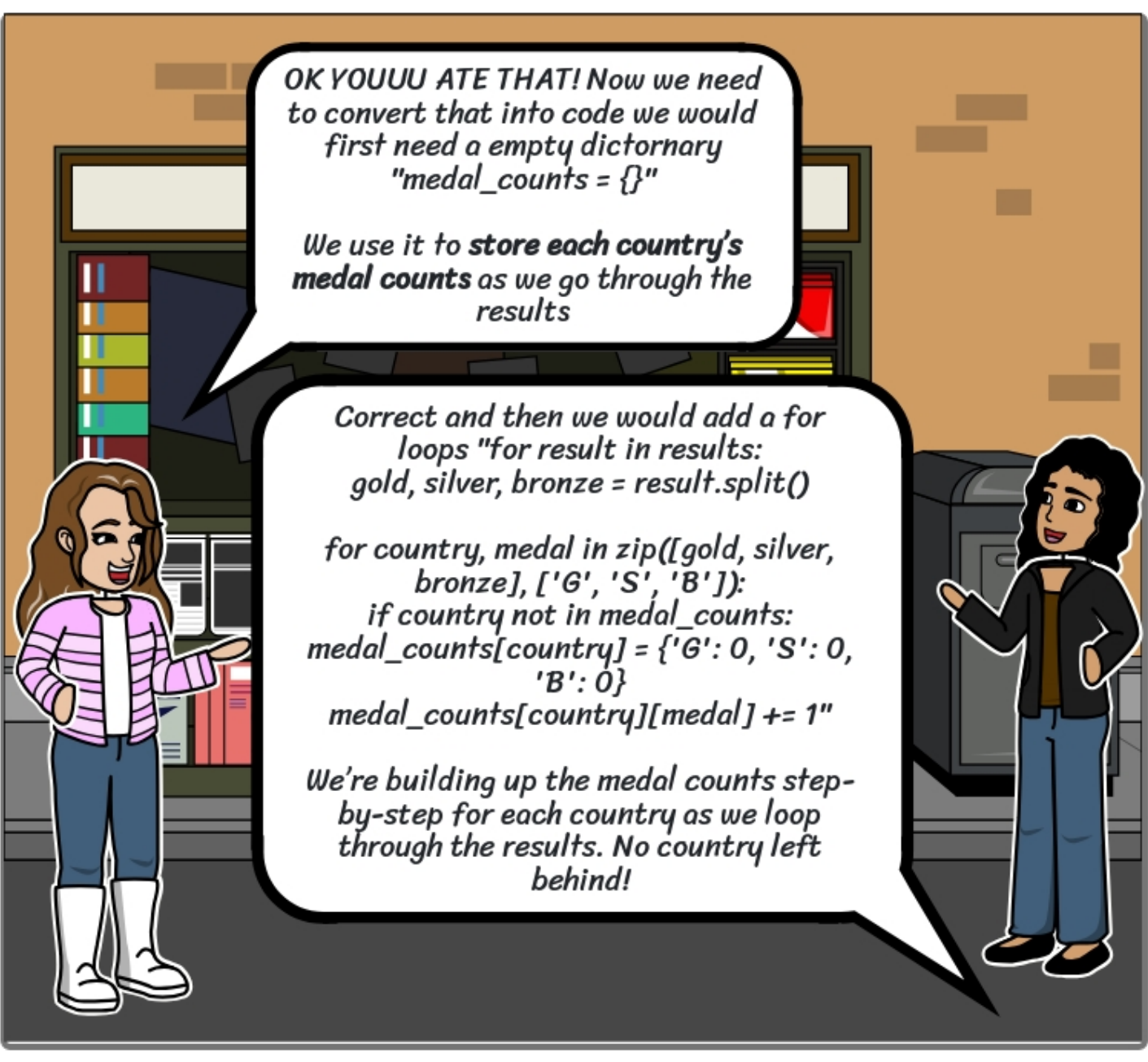
*N000 and
its Required!*



Ok Girl! We NEEEEEDDD to lock in! Without using any code what would be the steps taken to solve this APT...

WELLLLLLLLLLL.....

- 1. Go through each result to count how many gold, silver, and bronze medals each country has.*
- 2. Use a dictionary to keep track of the medal counts.*
- 3. Turn the dictionary into a string in the needed format.*
- 4. Sort the results based on the given rules.*



OK YOUUU ATE THAT! Now we need to convert that into code we would first need a empty dictornary
`"medal_counts = {}"`

We use it to **store each country's medal counts** as we go through the results

Correct and then we would add a for loops "for result in results:
gold, silver, bronze = result.split()

```
for country, medal in zip([gold, silver,
                           bronze], ['G', 'S', 'B']):
    if country not in medal_counts:
        medal_counts[country] = {'G': 0, 'S': 0,
                                   'B': 0}
    medal_counts[country][medal] += 1"
```

We're building up the medal counts step-by-step for each country as we loop through the results. No country left behind!


LOVE! But we would still need a list
to build the final table

```
"medal_table = []"
```

We'll use this to **store the formatted medal results** after we've counted everything. Then we can sort it and print it out cleanly!

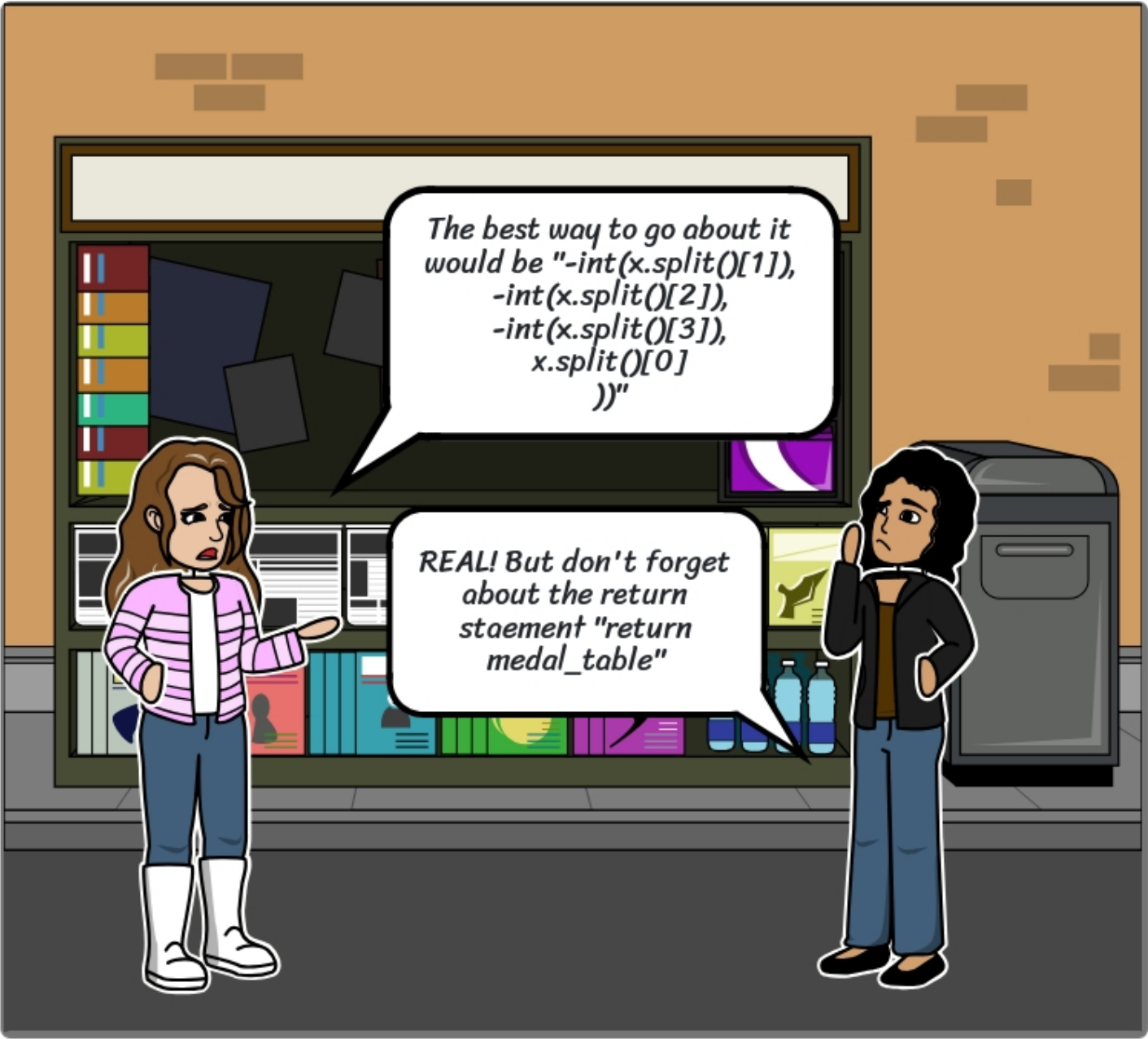
RIGHT! Which would be followed up by "for country, counts in medal_counts.items(): medal_table.append(f"{country} {counts['G']} {counts['S']} {counts['B']}")"






Ok but I feel like we are missing something Vital...

LAMBDA!!!




*The best way to go about it
would be "-int(x.split()[1]),
-int(x.split()[2]),
-int(x.split()[3]),
x.split()[0]
))"*

*REAL! But don't forget
about the return
statement "return
medal_table"*



*OKKK Lets submit and
see what will happens*

**Submits and gets
100*
AYYYYYYYYYY*



*What if CS APTs weren't
about Python and
Coding but instead...*

***THE FRIENDS WE MADE
ALONG THE WAY!!!***

*I was going to say the
critaical and problem
solving skills but that
works too! Lol*