

Bug Report – M3 – Lists & Functions

Renee Guldi

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Format:

- I. **Bug Title / ID**
 - a. Environment
 - b. Steps to reproduce bug
 - c. Expected Result
 - d. Actual Result
 - e. Visual Proof (screenshots, videos, txt) of bug
 - f. Fix

7.1 – Create a List

No issues to report, generated a list containing three string variables (“mozzarella”, “cinderella”, and “salmonella”).

7.2 – Capitalize a specific variable

No issues to report, used range() to separate elements and look for “cinderella” to highlight referencing a person, then print the list to show the updated variable.

7.3 – Change a variable to all uppercase text

No issues to report, utilized range() again to separate elements that looked for our “cheesy” element, “mozzarella”

7.4 – Remove a variable from the list

I first attempted to use (range) and remove the “salmonella” variable with the final line being

“things[i] = things[i].remove()“

And received the following error from jupyter notebooks:

```
“-----  
AttributeError Traceback (most recent call last)  
Cell In[24], line 3  
    1 for i in range(len(things)):  
    2     if "salmonella" in things[i]:  
----> 3     things[i] = things[i].remove("salmonella")  
  
AttributeError: 'str' object has no attribute 'remove'“
```

I spaced list comprehension then changed the syntax in my program to use [variable for variable in things if variable != “disease”] to remove the “disease” from the list, removing my problems.

9.1 – Create a function to return a list

No issues to report, I housed the list in variable “wizards”, and returned “wizards”.

9.2 – Create a generator function & use a loop to print the third value returned

No issues to report.