

## QUIZ

Given the string `hello_jerry = "Hi, my name is Jerry"`, which of the following lines of code will produce the string `"Hi, My Name Is Jerry"`?

```
hello_jerry.title()
```



Correct! The string method `.title()` capitalizes each word in a string.

```
hello_jerry.namecase()
```

```
hello_jerry.lower()
```

Consider the string `user_name = "::::::::::Eloise :::::::::::"`. What line of code would clean this string and produce the string `user_name_fixed = "Eloise"`?

```
user_name_fixed = user_name.strip().strip(":")
```

```
user_name_fixed = user_name.strip(":").strip()
```



Correct! This code will first strip the `":"` characters from the string and will then strip the remaining whitespace from the string.

Given the list `greeting = ["Hello", "my", "name", "is", "Earl"]` what line of code would produce a string that contains `"Hello_my_name_is_Earl"`.

```
"_".join(greeting)
```



Correct, this code will join each string in the list together with the character `"_"`.

```
" ".join(greeting, "_")
```

```
greeting.join()
```

Which of the following is a benefit of using `.format()` to include variables in your strings?

It makes your code more legible.



Correct! `.format()` make your code much more legible by making your string appear in a single set of `"`.

They let you update variables while printing a string.

They are able to catch and process errors if a variable does not exist.

They let you define variables within a string.

Given the poem (*When You Are Old*, by W. B. Yeats) saved as multiline string as shown in the code block, what code could we use to create a list that contains a string of each line in the poem?

```
when_you_are_old = \
"""When you are old and grey and full of sleep,
And nodding by the fire, take down this book,
And slowly read, and dream of the soft look
Your eyes had once, and of their shadows deep;

How many loved your moments of glad grace,
And loved your beauty with love false or true,
But one man loved the pilgrim soul in you,
And loved the sorrows of your changing face;

And bending down beside the glowing bars,
Murmur, a little sadly, how Love fled
And paced upon the mountains overhead
And hid his face amid a crowd of stars."""
```

```
list_of_lines = "\n".join(when_you_are_old)
```

```
list_of_lines = when_you_are_old.strip()
```

```
list_of_lines = []
for line in when_you_are_old:
    list_of_lines.append(line)
```

```
list_of_lines = when_you_are_old.split("\n")
```



Correct! Splitting this string at the escape sequence `"\n"`, or newline, will produce a list of each line in the poem.

Given the following block of code, what is stored in the string `split_hairs`?

```
dirty_harry = "Go ahead, make my day."  
split_hairs = dirty_harry.split("a")
```

["Go head, mke my dy", "a"]

["Go", "ahead,", "make", "my", "day."]

["Go a", "head, ma", "ke my da", "y."]

["Go ", "he", "d, m", "ke my d", "y."]



Correct! The code will split the string `dirty_harry` at each instance of the letter `"a"` which results in this list of strings.

Which of the following answer choices best describes the function of the string method `.find()`?

Find searches a string for its argument and `True` or `False`.

Find searches a string for its argument and returns a string of all the characters that come before the argument.

Find searches a string for its first argument and replaces it with its second argument.

Find searches a string for its argument returns the index location of that argument.



Correct! This is the function of `.find()`.