TASK: Count the elements of a list

```
my_list = [‘how’, ‘are’, ‘you’, ‘feeling’, ‘?’]
i = 0
while i <= len(my_list):
   i = i + 1
print(i)
```

TASK: Count the elements of a list

```
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```

RESULT:

```
>> 6
```

TASK: Count the elements of a list

```
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i = 0
while i < len(my_list):
    i = i + 1
print(i)
```

< instead of <=

But also: the built-in Python function that tells you the length of a list in right there in the code.

RESULT:

```
>> 5
```

TASK: Tell me if a number is even or odd

```
number = 27
division_remainder = number % 2
if division_reminder == 0:
   print(‘The number is even’)
else:
   print(‘The number is odd’)
```

TASK: Tell me if a number is even or odd

```
number = 27
division_remainder = number % 2
if division_reminder == 0:
   print('The number is even')
else:
   print('The number is odd')
```

RESULT:

```
>> NameError: division_reminder
```

TASK: Tell me if a number is even or odd

```
number = 27
division_remainder = number % 2
if division_remainder == 0:
    print('The number is even')
else:
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```
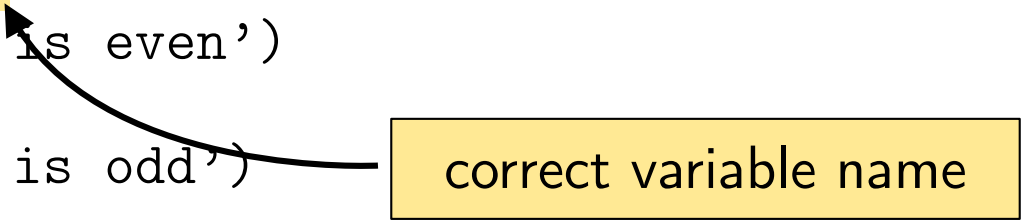



RESULT:

```
>> The number is odd
```

TASK: Ask for somebody's name; if they're called Carlo, tell them nicely to go away

```
name = input('What's your name?')
if name == 'Carlo':
    print('Fuck off Carlo')
else:
    print('You're all right baby')
```

TASK: Ask for somebody's name; if they're called Carlo, tell them nicely to go away

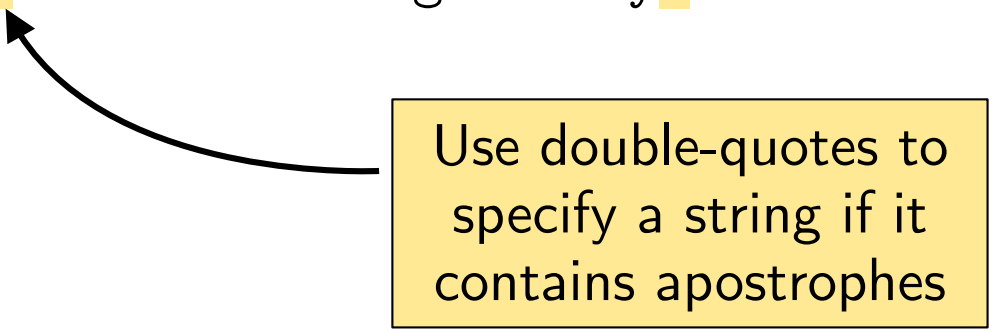
```
name = input('What's your name?')
if name == 'Carlo':
    print('Fuck off Carlo')
else:
    print('You're all right baby')
```

RESULT:

```
>> SyntaxError: unterminated string literal
```

TASK: Ask for somebody's name; if they're called Carlo, tell them nicely to go away

```
name = input(“What’s your name?”)
if name == ‘Carlo’:
    print(‘Fuck off Carlo’)
else:
    print(“You’re all right baby”)
```



RESULT:

```
>> Fuck off Carlo
```

(If I'm using it)

TASK: Repeat any input from the user, unless it's "shut up"; in that case, say sorry and stop the program

```
while True:
    discourse = input("I'm listening")
    if discourse != "shut up":
        print(discourse)
    else:
        print('Sorry!')
```

TASK: Repeat any input from the user, unless it's "shut up";
in that case, say sorry and **stop the program**

```
while True:
    discourse = input("I'm listening")
    if discourse != "shut up":
        print(discourse)
    else:
        print('Sorry!')
```

RESULT:

The program doesn't stop

TASK: Repeat any input from the user, unless it's "shut up";
in that case, say sorry and **stop the program**

```
while True:
    discourse = input("I'm listening")
    if discourse != "shut up":
        print(discourse)
    else:
        print('Sorry!')
        break
```

This command breaks the loop

RESULT:

The program can be stopped