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1. You are creating a script. The script prompts the user for a number between 1 and 10. You want to make sure the script does not move forward until the user provides valid input. You begin typing your script:

1 / 1 point

```
answer = input('Please enter a number between 1 and 10: ')

_____ not (answer > 0 and answer < 11):
    print("I'm sorry, I need a number between 1 and 10.")
    answer = input(string)
```

What should you type in the blank space? (Please type your answer all in lower case. Example: word)

while

✓ Correct

Correct! You don't want the script to move on until the user enters valid input. That means we need a loop. Since we're evaluating user input, and we don't know how many times the loop will run, you should use a while loop.

2. You have a list named files that contains the names of files on a hard drive. You have a bad habit of saving the same file in multiple locations. You want to know how many times the value "file.txt" appears in the values in the list. You begin typing your code:

1 / 1 point

duplicates = list._____('file.txt')

What should you type in the blank space? (Please type your answer all in lower case. Example: variable)

count

✓ Correct

Correct! The count() method counts the number of times the argument appears as a value in a list.

3. You are creating a script to validate a date. The date can be typed in either the Jan 1,2000 format or the 01/01/2000 format. You begin typing your code:

0 / 1 point

```
answer = input('Please type in a date: ')

if _____.isdigit() is True:
    # The user typed in the
    # date in the 1/1/2000 format
else:
    # The user typed in the
    # date in the Jan 1, 2000 format
```

You want to test the first character of the user's input. What should you type in the blank space? (Please type your answer all in lower case. Example: variable)

answer

✗ Incorrect

You might want to review the Using Other Sequences lab.

4. You are creating a script to get user feedback:

1 / 1 point

```
choices = { '5': 'Happy', '1': 'Sad', '4': 'Pleased', '2':
'Disappointed', '3': 'Ambivalent' }

print('5: Happy')
```

```
print('4: Pleased')
print('3: Ambivilent')
print('2: Disappointed')
print('1: Sad')
print('How do you feel about this application? ')
answer = input('Please type in a number: ')

for choice, feeling in choices.items():
    if answer == choice:
        feeling = choices[choice]

print('Thank you for letting us know you feel ' + feeling + '.')
print('Is there anything we can do better?')
```

The output of the script should look like this:

```
5: Happy
4: Pleased
3: Ambivilent
2: Disappointed
1: Sad
How do you feel about this application?
Please type in a number: 2
Thank you for letting us know you feel Disappointed.
Is there anything we can do better?
```

What should you type in the blank space? (Please type your answer all in lower case. Example: word)

in



Correct

Correct! The for loop is testing each item in the dictionary to see if the answer is equal to the key of the item. That means you need run the loop once for each iterator (choice) in the dictionary.