

List Challenge

Challenge

- Ask the user to enter the names of everyone attending the party.
- Then return the list of the party guests in alphabetical order.

Break the problem into steps

1. Ask the user to enter the names of everyone attending the party.
2. Put those values in a list.
3. Sort the list.
4. Print the sorted list.

1. Ask the user to enter the names of everyone attending the party.
 - What command do we use to ask the user for a value?
2. What type of variable will we need to store all the names?
3. How can I ask the user for more than one name?
 - Use a

1. Should we use a for loop or a while loop
 - Do you know how many names the user will enter?
 - NO, that means you don't know how many times the loop will execute, so use a _____ loop.
2. How will the loop know when to stop executing?
 - Ask the user to enter a keyword to indicate that they are DONE entering names.

#Initialize variables

```
guests = []
```

```
name = ''
```

#list to hold all the names of the guests

#name entered at input

#Prompt the user to enter a name and a keyword when done entering names.

#Add the name to the list.

#Repeat

```
name = input('Descriptive Prompt')
```

```
guests._____(name)
```

#Sort the list in alphabetical order

guests.____()

#Iterate through the list and print.

```
for _____ in _____:  
    print(_____)
```

```
#use a for loop to go through the list  
#to print the names of the guests
```