**EXERICSE: Enumarate() tasks and show them to the user**

**enumerate(list)** returns an **iterator**that you can use to extract **tuple**with **(index, item)**of each **item**in the **list**.

**enumerate** is a way to loop through a list and also keep track of the **index**of each **item**in the list. It allows you to count items one by one in a list.

An **iterator**can be iterated (looped) upon. Iterator returns data, one element at a time.

In the case of **enumerate()**, the iterator returns tuples containing the index and the corresponding element of the iterable list that was passed as the first argument to **enumerate()**.

Sample way of using an enumerator:

1. # create a list
2. colors = ["red", "green", "blue"]
4. # use enumerate to loop over the list
5. for i, color in enumerate(colors):
6. print(i, color)

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**enumarate**(number) each **task**from the **list** and show them to the user.

Input:

1. tasks = ["clean the kitchen", "do laundry", "pay bills"]

Expected output:

1. 1 Clean the kitchen
2. 2 Do laundry
3. 3 Pay bills

Follow these steps to complete the exercise.

1. Create a list called `tasks` that contains several string items, each representing a task that needs to be done.

2. Use a for loop and the `*enumerate*` function to iterate over the `*tasks*` list. For each iteration, print out the index and the task.

3.  Search Internet for how to change starting point of enumerate function. Modify the for loop to use a start index of 1 instead of 0 for the enumeration.

4. Modify the loop again to capitalize the first letter of each task in the list and print them out. Hint: use capitalize() function

**Solution below:**

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1. tasks = ["clean the kitchen", "do laundry", "pay bills"]
2. for i, task in enumerate(tasks, start=1):
3. task = task.capitalize()
4. print(i, task)