

Interaction between functions

January 4, 2022

1 Interaction between functions

```
[1]: example = [1,2,3,4,5,6,7,8]
```

```
[2]: from random import shuffle  
shuffle(example)
```

```
[3]: example
```

```
[3]: [3, 1, 4, 5, 2, 7, 6, 8]
```

```
[4]: def shuffle_list(mylist):  
    shuffle(mylist)  
    return mylist
```

```
[13]: result = shuffle_list(example)
```

```
[14]: result
```

```
[14]: [2, 6, 4, 5, 7, 1, 8, 3]
```

```
[18]: mylist = [' ', '0', ' ']
```

```
[19]: shuffle_list(mylist)
```

```
[19]: [' ', '0', ' ']
```

```
[20]: shuffle_list(mylist)
```

```
[20]: ['0', ' ', ' ']
```

```
[21]: shuffle_list(mylist)
```

```
[21]: ['0', ' ', ' ']
```

```
[ ]:
```

```
[16]: shuffle_list(mylist)
```

```
[16]: ['0', ' ', ' ']
```

```
[17]: shuffle_list(mylist)
```

```
[17]: ['0', ' ', ' ']
```

```
[23]: def player_guess():  
    guess = ''  
    while guess not in ['0','1','2']:  
        guess = input('Pick a number from 0,1,2')  
    return int(guess)
```

```
[24]: player_guess()
```

```
Pick a number from 0,1,28  
Pick a number from 0,1,28  
Pick a number from 0,1,21
```

```
[24]: 1
```

```
[25]: my_index = player_guess()
```

```
Pick a number from 0,1,21
```

```
[26]: my_index
```

```
[26]: 1
```

```
[27]: my_index = player_guess()
```

```
Pick a number from 0,1,22
```

```
[28]: my_index
```

```
[28]: 2
```

```
[30]: def check_guess(mylist,guess):  
    if mylist[guess] == '0':  
        print('Correct')  
    else:  
        print('Incorrect guess')  
        print(mylist)
```

```
[35]: #INITIAL LIST  
  
mylist = ['', '0', '']  
# SHUFFLE LIST  
mixed_list = shuffle_list(mylist)  
# USER LIST  
guess = player_guess()
```

```
# GUESS LIST  
check_guess(mixed_list,guess)
```

Pick a number from 0,1,20
Correct

[]: