Write programs using lists in python

1. Reverse a given list in Python

```
aLsit = [100, 200, 300, 400, 500]
```

output:

[500, 400, 300, 200, 100]

2. Concatenate two lists index-wise

Given:

output:

3. Given a Python list of numbers. Turn every item of a list into its square

output:

4. Concatenate two lists in the following order

```
list1 = ["Hello ", "Welcome "]
list2 = ["Students", "Sir"]
output:
```

['Hello Students', 'Hello Sir', 'welcome Students', 'Welcome Sir']

5. Given a two Python list. Iterate both lists simultaneously such that list1 should display item in original order and list2 in reverse order

output:

10 400

20 300

30 200

40 100

6. Remove empty strings from the list of strings

7. Add item 7000 after 6000 in the following Python List

8. Given a nested list extend it by adding the sub list ["h", "i", "j"] in such a way that it will look like the following list

output:

solution

9. Given a Python list, find value 20 in the list, and if it is present, replace it with 200. Only update the first occurrence of a value

print(list1)

10. Given a Python list, remove all occurrence of 20 from the list

[5, 15, 25, 50]