

## TOPIC- LISTS

### BEGINNERS

#### VIDEOS:

1. Access list items  
<https://www.youtube.com/watch?v=0qGhuYOh-54>
2. Change list items  
<https://www.youtube.com/watch?v=PyZPObjPi6c>
3. Add list items  
<https://www.youtube.com/watch?v=QBOFmzCgail>
4. Remove list items  
<https://www.youtube.com/watch?v=9A8wEAlZmes>

#### Reading material:

1. Access list items  
[https://www.w3schools.com/python/gloss\\_python\\_access\\_list\\_items.asp](https://www.w3schools.com/python/gloss_python_access_list_items.asp)
2. Change list items  
<https://datatofish.com/modify-list-python/>
3. Add list items  
<https://note.nkmk.me/en/python-list-append-extend-insert/>
4. Remove list items  
<https://www.programiz.com/python-programming/methods/list/remove>

### INTERMEDIATE

#### VIDOES:

1. Loop lists  
<https://www.youtube.com/watch?v=2boT65qhOk8>
2. List comprehension  
<https://www.youtube.com/watch?v=AhSvKGTh28Q>
3. Sort lists  
[https://www.youtube.com/watch?v=3Tcq\\_dBhIrQ](https://www.youtube.com/watch?v=3Tcq_dBhIrQ)
4. Copy lists  
<https://www.youtube.com/watch?v=xDUC-MI4s7Q>
5. Join lists  
<https://www.youtube.com/watch?v=cEgzJDaJB24>
6. List methods  
<https://www.youtube.com/watch?v=91A7XgVnq5s>

## Reading material

1. Loop lists  
[https://www.w3schools.com/python/python\\_lists\\_loop.asp](https://www.w3schools.com/python/python_lists_loop.asp)
2. List comprehension  
<https://www.tutorialsteacher.com/python/python-list-comprehension>
3. Sort list  
<https://www.programiz.com/python-programming/methods/list/sort>
4. Copy list  
<https://flexiple.com/python/python-copy-list/>
5. Join lists  
<https://www.toppr.com/guides/computer-science/programming-with-python/list-operations/joining-list/>
6. List methods  
<https://realpython.com/lessons/list-methods/>

## ADVANCE

### VIDEOS:

1. Filtering the lists  
<https://www.youtube.com/watch?v=Lw2rlcxScZY>
2. Reversing lists  
[https://www.youtube.com/watch?v=4hEZEm\\_uWmE](https://www.youtube.com/watch?v=4hEZEm_uWmE)
3. Checking for membership in lists  
<https://www.youtube.com/watch?v=aaBYOzR9uZo>

### Reading material

1. Filtering the lists  
<https://www.pythontutorial.net/python-basics/python-filter-list/>
2. Reversing the lists  
<https://famtutor.com/blogs/reverse-list-python>
3. Checking for membership in lists  
<https://www.geeksforgeeks.org/python-membership-identity-operators-not-not/>

## PRACTICE QUESTIONS

1. <https://pynative.com/python-list-exercise-with-solutions/>
2. <https://www.geeksforgeeks.org/python-list-exercise/>

