

## TOPIC- SETS

### BEGINNERS

#### Videos:

1. Introduction to sets  
<https://www.youtube.com/watch?v=MEPILAjPvXY>
2. Accessing sets  
<https://www.youtube.com/watch?v=CFYHh95FK84>
3. Loop sets  
<https://www.youtube.com/watch?v=OnDr4J2UXSA>
4. Join sets  
<https://www.youtube.com/watch?v=qVOqUD5Zt38>

#### Reading material:

1. Introduction to sets  
<https://www.programiz.com/python-programming/set>
2. Accessing sets  
<https://www.studytonight.com/python-howtos/how-to-access-elements-in-a-set>
3. Loop sets  
[https://www.w3schools.com/python/gloss\\_python\\_loop\\_set\\_items.asp](https://www.w3schools.com/python/gloss_python_loop_set_items.asp)
4. Join sets  
<https://stackoverflow.com/questions/17429123/how-to-join-two-sets-in-one-line-without-using>

### INTERMEDIATE

#### Videos:

1. Add set items  
<https://www.techiedelight.com/add-values-to-set-python/>
2. Remove set items  
<https://thispointer.com/python-set-remove-single-or-multiple-elements-from-a-set/>
3. Set operation  
<https://www.youtube.com/watch?v=zvXEEJSPtO4>

#### Reading material

1. Add set items  
<https://www.techiedelight.com/add-values-to-set-python/>

2. Remove set items

<https://thispointer.com/python-set-remove-single-or-multiple-elements-from-a-set/>

3. Set operations

<https://www.freecodecamp.org/news/python-set-operations-explained-with-examples/>

## ADVANCE

Videos:

1. Set size and membership

<https://www.youtube.com/watch?v=lytCvBfMnil>

2. Frozen set

<https://www.youtube.com/watch?v=482kbk1x04w>

Reading material

1. Set size and membership

<https://stackoverflow.com/questions/37377861/check-membership-of-a-set-in-python>

2. Frozen set

<https://www.javatpoint.com/python-frozenset-function>

## PRACTICE QUESTIONS

1. <https://www.my-courses.net/p/python-set-exercises-with-solutions.html>

2. [https://www.w3schools.com/python/python\\_sets\\_exercises.asp](https://www.w3schools.com/python/python_sets_exercises.asp)