

```
"""
```

```
set1={1,2,3,4,5}  
set1
```

```
len(set1)
```

```
set2={1,1,2,2,3,4,5}  
set2
```

```
set2={1.79,1,2,2.4,2.5,3.8,4.7,5.9}  
set2
```

```
set3={'Rohit',"Rani","Mohan"}  
set3
```

```
set4={12,13,"Hola",[11,22,33]}
```

```
myset1=set(('one','two','three'))  
'one' in myset1
```

```
myset1.add('four')  
myset1
```

```
myset1.update(['five','fix'])  
myset1
```

```
myset1.remove('two')  
myset1
```

```
myset1.discard('two')  
myset1
```

```
myset3=myset1  
myset3
```

```
id(myset3),id(myset1)
```



File "[<ipython-input-43-5e2da64acc0b>](#)", line 1

"""

^

SyntaxError: incomplete input

Next steps: [Fix error](#)

```
set1={1,2,3,4,5}  
set1
```

➞ {1, 2, 3, 4, 5}

```
len(set1)
```

```
set2={1,1,2,2,3,4,5}  
set2
```

➞ {1, 2, 3, 4, 5}

```
set2={1.79,1,2,2.4,2.5,3.8,4.7,5.9}  
set2
```

```
set3={'Rohit',"Rani","Mohan"}  
set3
```

➞ {'Mohan', 'Rani', 'Rohit'}

```
set4={12,13,"Hola",[11,22,33]}
```

➞

```
-----  
TypeError                                Traceback (most recent call last)  
<ipython-input-50-de22bbfa91b6> in <cell line: 0>()  
----> 1 set4={12,13,"Hola",[11,22,33]}
```

TypeError: unhashable type: 'list'

Next steps: [Explain error](#)

```
myset1
```

```
for i in myset1:  
    print(i)
```

```
for i in enumerate(myset1):  
    print(i)
```

➞

```
4  
5  
(0, 4)  
(1, 5)
```

```
myset1.add('four')  
myset1
```

➞

```
{4, 5, 'four'}
```

```
myset1.update(['five','fix'])  
myset1
```

```
⇒ {4, 5, 'five', 'fix', 'four'}
```

```
id(myset),id(myset1)
```

```
⇒ (138213534974912, 138213534974464)
```

```
myset1.remove('four')  
myset1
```

```
⇒ {4, 5, 'five', 'fix'}
```

```
myset1.discard('two')  
myset1
```

```
myset3=myset1  
myset3
```

```
⇒ {4, 5, 'five', 'fix'}
```

✓ Welcome to Colab!

Explore the Gemini API

The Gemini API gives you access to Gemini models created by Google DeepMind. Gemini models are built from the ground up to be multimodal, so you can reason seamlessly across text, images, code, and audio.

How to get started?

- Go to [Google AI Studio](#) and log in with your Google account.
- [Create an API key](#).
- Use a quickstart for [Python](#), or call the REST API using [curl](#).

Discover Gemini's advanced capabilities

- Play with Gemini [multimodal outputs](#), mixing text and images in an iterative way.
- Discover the [multimodal Live API](#) (demo [here](#)).
- Learn how to [analyze images and detect items in your pictures](#) using Gemini (bonus, there's a [3D version](#) as well!).
- Unlock the power of [Gemini thinking model](#), capable of solving complex task with its inner thoughts.

Explore complex use cases