In [4]:
```
# Q1. Create an empty list.

empty_list = []
```

In [7]:
```
# Q2. Create a list and add an element to the end of this list.

create_a_list = ['laxmi','friend','of','mine',234,56.789,True]

create_a_list.append('this is actually false')

print(create_a_list)
```

```
['laxmi', 'friend', 'of', 'mine', 234, 56.789, True, 'this is actually false']
```

In [8]:
```
# Q3. For the above created list print the last element.

print(create_a_list[7])
```

```
this is actually false
```

In [11]:
```
# Q4. Reverse the above created list.

print(create_a_list[::-1])
```

```
['this is actually false', True, 56.789, 234, 'mine', 'of', 'friend', 'laxmi']
```

In [13]:
```
# Q5. Sort the above created list.

my_list =[5,4,7,6,1,3,2,9,0,8]

my_list.sort()

print(my_list)
```

```
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
```

In [14]:
```
# Q6. Create a list of your top three favorite movies, then print the second movie title.

movie_list = ['drishyam','pirates of the caribbean','ddlj']

print(movie_list[1])
```

```
pirates of the caribbean
```

In [20]:
```
# Q7. Create a list of your favorite animals, then add a new animal to the list and print the updated list.

favorite_animals =['tiger','giraffe','elephant']

favorite_animals.append('lion')

print(favorite_animals)
```

```
['tiger', 'giraffe', 'elephant', 'lion']
```

In [21]:
```
# Q8. Create a list of your favorite cities, then use the index() method to find the position of a specific city on the list and print it.

favorite_cities = ['cuttack','bhubaneswar','nagpur','pondicherry','bengaluru']

city = 'bhubaneswar'

position = favorite_cities.index(city)

print(position)
```

```
1
```

In [ ]:
```

```