

Python 3.9.6 (v3.9.6:db3ff76da1, Jun 28 2021, 11:49:53)

[Clang 6.0 (clang-600.0.57)] on darwin

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```
>>> xcoord = [3, 8, -2, 10, 4]
```

```
>>> ycoord = [0]
```

```
>>> zcoord = [-6, 2, 12, 2, 5]
```

```
>>> xyzcoord = zip(xcoord, ycoord, zcoord)
```

```
>>> xyzcoord
```

```
<zip object at 0x7fad8f79bd80>
```

```
>>> xyzlist = list(xyzcoord)
```

```
>>> xyzlist
```

```
[(3, 0, -6)]
```

```
>>> ycoord = [0 for each in range(len(xcoord))]
```

```
>>> ycoord
```

```
[0, 0, 0, 0, 0]
```

```
>>> xyzcoord = list(zip(xcoord, ycoord, zcoord))
```

```
>>> xyzcoord
```

```
[(3, 0, -6), (8, 0, 2), (-2, 0, 12), (10, 0, 2), (4, 0, 5)]
```

```
>>>
```