Convert an array to List

**Arrays.asList() vs List.of()**

**You must select the right tool for converting an array to List.**

**Choose wrong will result in exception.**

**The produced lists will be different:**

**Arrays.asList():**

* **Produce a Fixed size List (Cannot add() and remove())**
* **Accept Null values**
* **Can modify:**

**can set() ,but cannot add() / remove() since exception will occur**

**List.of():**

* **Produce an Immutable list: modify then exception will occur. This is good for multi-threaded environment.**
* **Not accept Null values**

**Performance:**

**Immutable lists can be more performant due to thread safety.**

**================================================================**

**List produced by Arrays.asList()**

**String[] animals = {“Horse” , “Cat” , “Bird”, “”};**

**ArrayList<String> animalsToList = Array.asList(animals);**

**Can accept “” <- No Null value exception**

**animalsToList.set(0,“elephant”); <-no exception**

**animalsToList.add(“Tiger”) <- exception**

**List produced by List.of()**

**String[] animals = {“Horse” , “Cat” , “Bird”, “”};**

**ArrayList<String> animalsToList =List.of(animals); <- exception**

**animalsToList.set(0,“elephant”); <- exception**