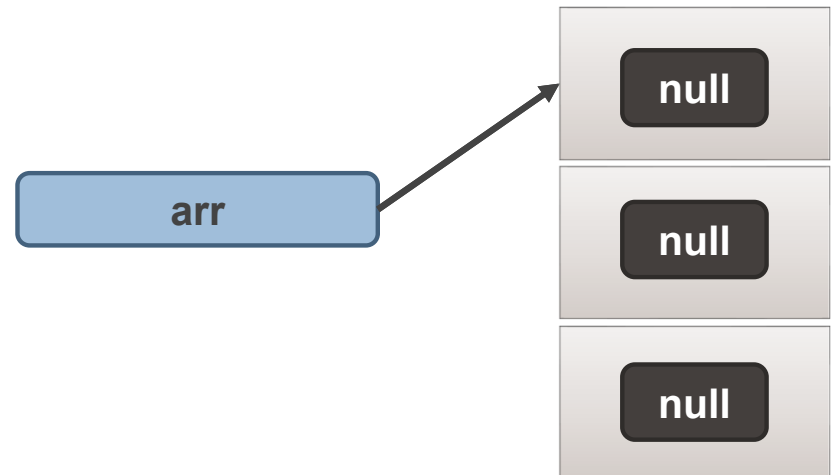


Array of Objects

- arrays of reference types are allocated **out-of-line**, meaning the array elements are just references to instances of the reference type residing on the heap
- Since the class is **reference** type so creating an array of the class type is creating an array of **references** initialized with **null**

```
Employee[] arr = new Employee[3];
```



- **Demo**

Array of Objects

- Each reference in array must initialized with an Object

- Individual assignment

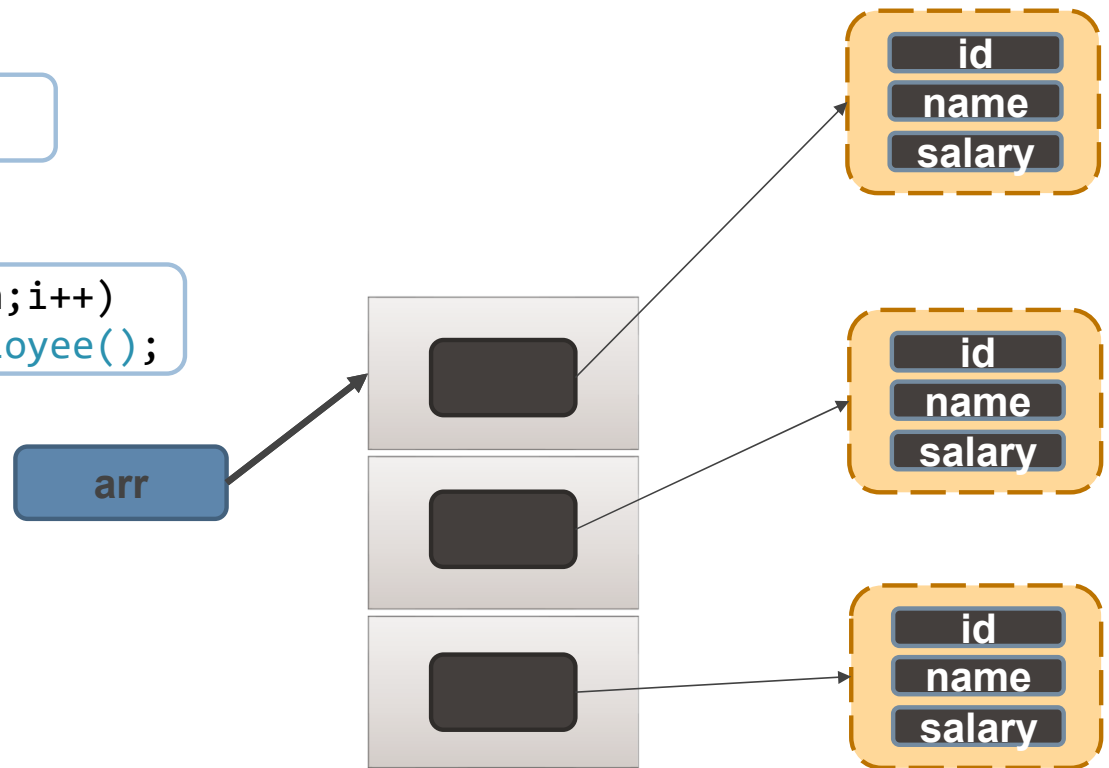
```
arr[1] = new Employee();
```

- For loop

```
For(int i=0;i<arr.length;i++)  
    arr[i] = new Employee();
```

- Array initializer

```
arr = new  
employee[]  
{  
    new employee(),  
    new employee(),  
    new employee()  
};
```



Assignment

- ☐ Modify menu program using array of 3 Employees
 - ☐ New
 - Adding 3 new employees
 - ☐ Display
 - Display 3 employees Data