array assignment

August 20, 2024

[1]:
```
def remove_duplicates(arr):
    final_list=[]
    for i in arr:
        if i not in final_list:
            final_list.append(i)
    return final_list
```

[2]:
```
arr=[1,1,2,2,2,3,3,4,4,4,5,5]
```

[3]:
```
print(remove_duplicates(arr))
```

```
[1, 2, 3, 4, 5]
```

[13]:
```
def check_duplicate(arr):
    final_arr=[]

    for i in arr:
        if i not in final_arr:
            print("false")
        else:
            print("true")
```

[14]:
```
arr=[1,2,4,2,5,9]
```

[15]:
```
print(check_duplicate(arr))
```

```
false
false
false
false
false
false
None
```

[8]:
```
def check_duplicate(arr):
    for i in range(len(arr)):
        for j in range(i+1,len(arr)):
            if arr[i] == arr[j]:
```

```
                return True
        return False
```

[9]:
```
arr=[1,2,4,2,5,9]
```

[10]:
```
print(check_duplicate(arr))
```

```
False
```

[4]:
```
def rotate_array(arr,k):
    n=len(arr)
    k=k%n

    rotated_array=arr[-k:]+arr[:-k]
    return rotated_array
```

[7]:
```
arr=[1,2,3,4,5,6,7]
k=3
```

[8]:
```
print(rotate_array(arr,k))
```

```
[5, 6, 7, 1, 2, 3, 4]
```

[3]:
```
def reverse_arr(arr):
    reversed_arr=arr[::-1]
    print(reversed_arr)
```

[4]:
```
reverse_arr([2,4,5,7,9,12])
```

```
[12, 9, 7, 5, 4, 2]
```

[16]:
```
def max_arr(arr,n):
    max=arr[0]
    for i in range(1,n):
        if arr[i]>max:
            max=arr[i]
    return max
```

[18]:
```
arr=([10,5,20,8,15])
n=len(arr)
max_arr(arr,n)
```

[18]:
```
20
```

[ ]:
```

```