ARRAY

```
from array import array
arr = array ('i',[1,2,3,4,7])
print(arr)
print(type(arr))
```

```
array('i', [1, 2, 3, 4, 7])
<class 'array.array'>
```

```
arr [3]
```

```
4
```

```
arr [3] = 9
print (arr)
```

```
array('i', [1, 2, 3, 9, 7])
```

```
arr [3] =8
```

```
arr
```

```
array('i', [1, 2, 3, 8, 7])
```

```
for i in arr:
    print(i)
```

```
1
2
3
8
7
```

```
for i in arr:
    if (i > 3):
        print(i)
```

```
8
7
```

```
arr = sorted(arr)
arr
```

```
[1, 2, 3, 7, 8]
```

```
if 5 in arr:
    print(True)
else:
    print(False)
```

```
False
```

```
if 3 in arr:
    print(True)
else:
    print(False)
```

```
True
```

Write a function 'search' that takes two arguments

1. Element to search
2. array
3. if element exsit print true or print false

```
def search(element , array):
    if element in array:
        print("TRUE")
    else:
        print("FALSE")
array=[1,2,3,4,5]
search(10,array)
```

```
FALSE
```

Write a function that will take two pos arguments

1. The factor
2. The array sample input put factor = 2 , arr = 1,7,9,12 sample output 2,14,18,24

```
def mult (n, arr):
    for i in arr:
        print(i*n)
```

SORT & REMOVE

Q. WRITE A FUNCTION THAT SORTS AN ARRAY IN AESCENDING ORDER AND REMOVE DUPICATES

```
arr = [1,4,5,4,6,8,9]
arr = sorted(arr)
arr
```

```
[1, 4, 4, 5, 6, 8, 9]
```