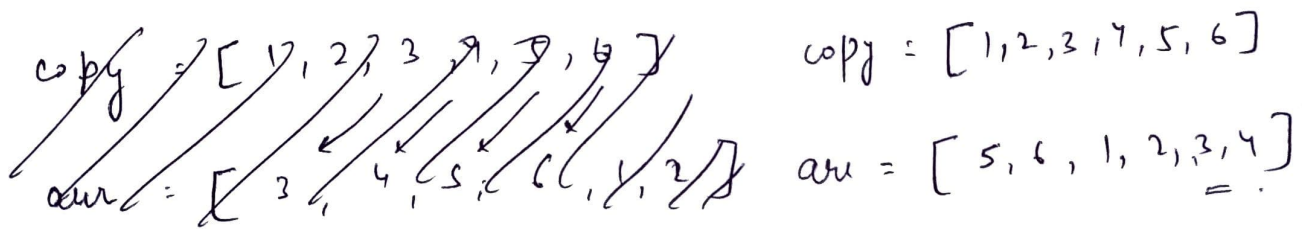


Rotate array (189)

This code is extremely trivial in python where we can use slicing and append. For c++, one solution is to copy the array in another array, then change the elements of original array from k to n , then from 0 to $(k-1)$.

for ex. $k = 2$ $arr = [1, 2, 3, 4, 5, 6]$.



Best solution is to reverse first $(n-k)$ elements, then reverse last k elements, then again reverse the entire array.

Code

```
void rotate (vector<int> &v, int k) {
```

```
    k = k % v.size();
```

```
    reverse (v.begin(), v.begin() + v.size() - k);
```

```
    reverse (v.begin() + v.size() - k, v.end());
```

```
    reverse (v.begin(), v.end());
```

```
}
```