HW_Merge two sorted arrays

KtP

```
public static int[] merge(int arr1[], int n, int arr2[], int m){
    int i = 0; // for arr1
    int j = 0; // for arr2
    int k = 0; // for ans array
    // create a ans array
    int ans[] = new int[n+m];
  _ while(i < n && j < m){</pre>
   -while(i < n){
        ans[k] = arr1[i];
k++;
   _{\text{while}(j < m)}
        ans[k] = arr2[j];
    return ans;
}
```

-> Arrays -> Arrays -> Arraystist -> Linked hist $TC \rightarrow O(n) \rightarrow n+m$