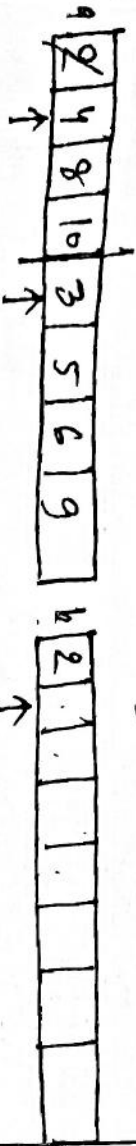
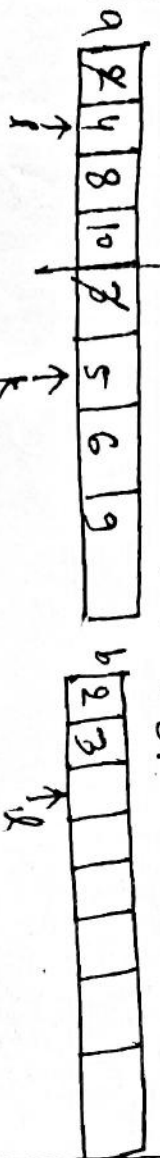


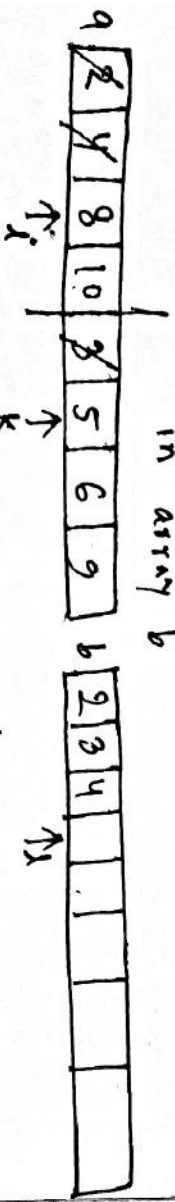
First compare with 2 and 3



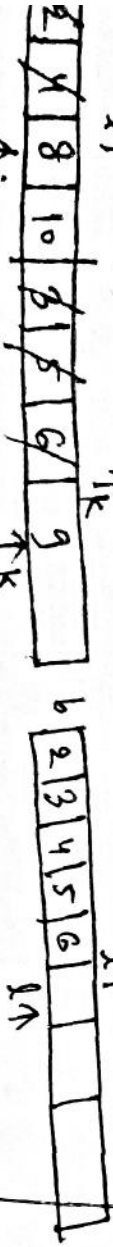
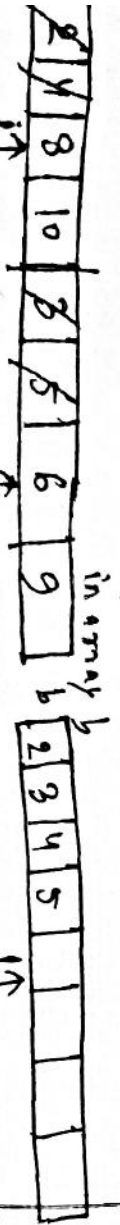
compare with 4 and 3.



compare with 4 and 5; put the smaller one in array b



compare with 8 and 5, put the smaller one in array b



case 1:

```

else
  b[l++] = a[j++];
}

```

```

case 2 {
  if (i > mid)
    for (; k <= j; )
      b[l++] = a[k++];
}

```

```

else {
  if (k > j)
    for (; i <= mid; )
      b[l++] = a[i++];
}

```

