Merging of 2 Sorted Arrays

A: 1,3,7,11

B: 2,3,4,5,6,13,17,18

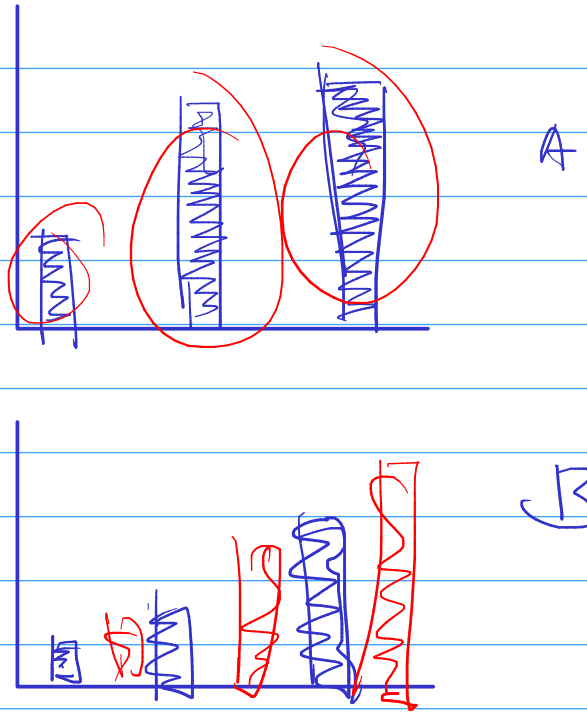
C: 1,2,3,3,4,5,6,7,11,13,17,18

A: 1 > 1

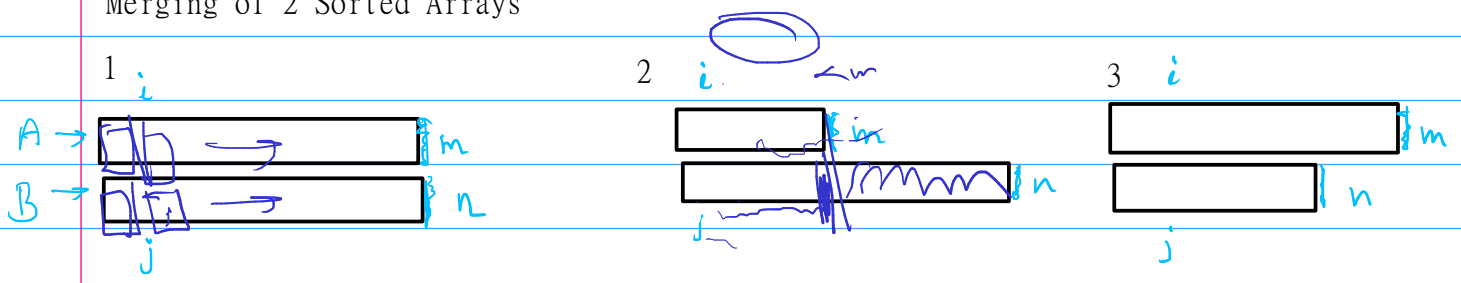
B: x

A: 7 = 7

B: 9 = 9

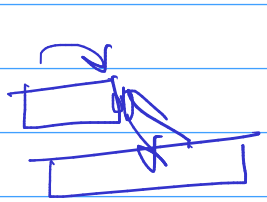


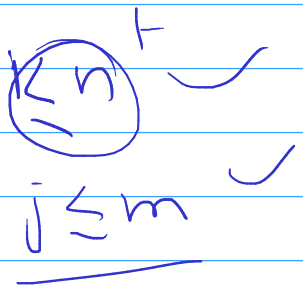
Merging of 2 Sorted Arrays

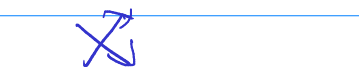


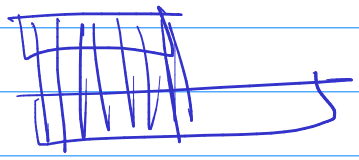
Pathikrit's Code

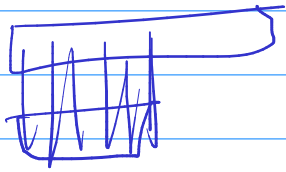
```
void merge(int *arr1,int *arr2)
{
    int k=0,i=0,j=0,size=n+m,s;
int arr3[size];

while(i<=n && j<=m){
    if(arr1[i]<arr2[j]){
        arr3[k]=arr1[i];

    i++;
    k++;
    }

    else{
        arr3[k]=arr2[j];

        j++;
        k++;
    }

}
```









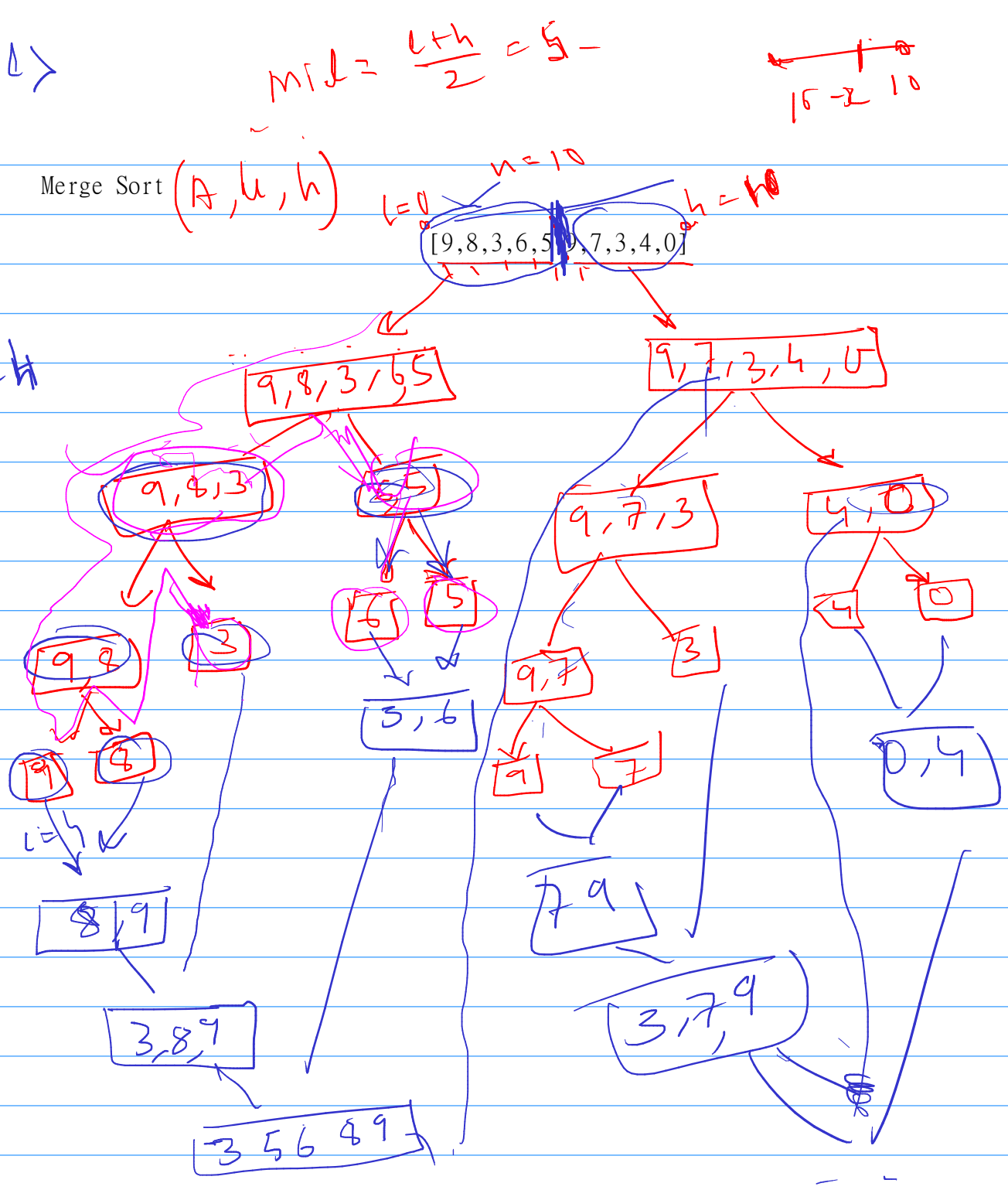


while(i<=n)

arr3[k] = arr1[i]

i++; k++;

while(j<=m)




```
MergeSort(arr,l,h){
    .
}
```

QuickSort