

```

    { A(k) = C[j];
      j=j+1;
    }
    k = k + 1
    if (i == P) copy C [j ... q-1] to A [k ... P+q-1]
    else copy B [ i.....P-1] to A [k .....P+q-1]
  }
  
```

2.2.3. Examples for merge sort

Sort the following elements using merge sort 8, 3, 2, 9, 7, 1, 5, 4.

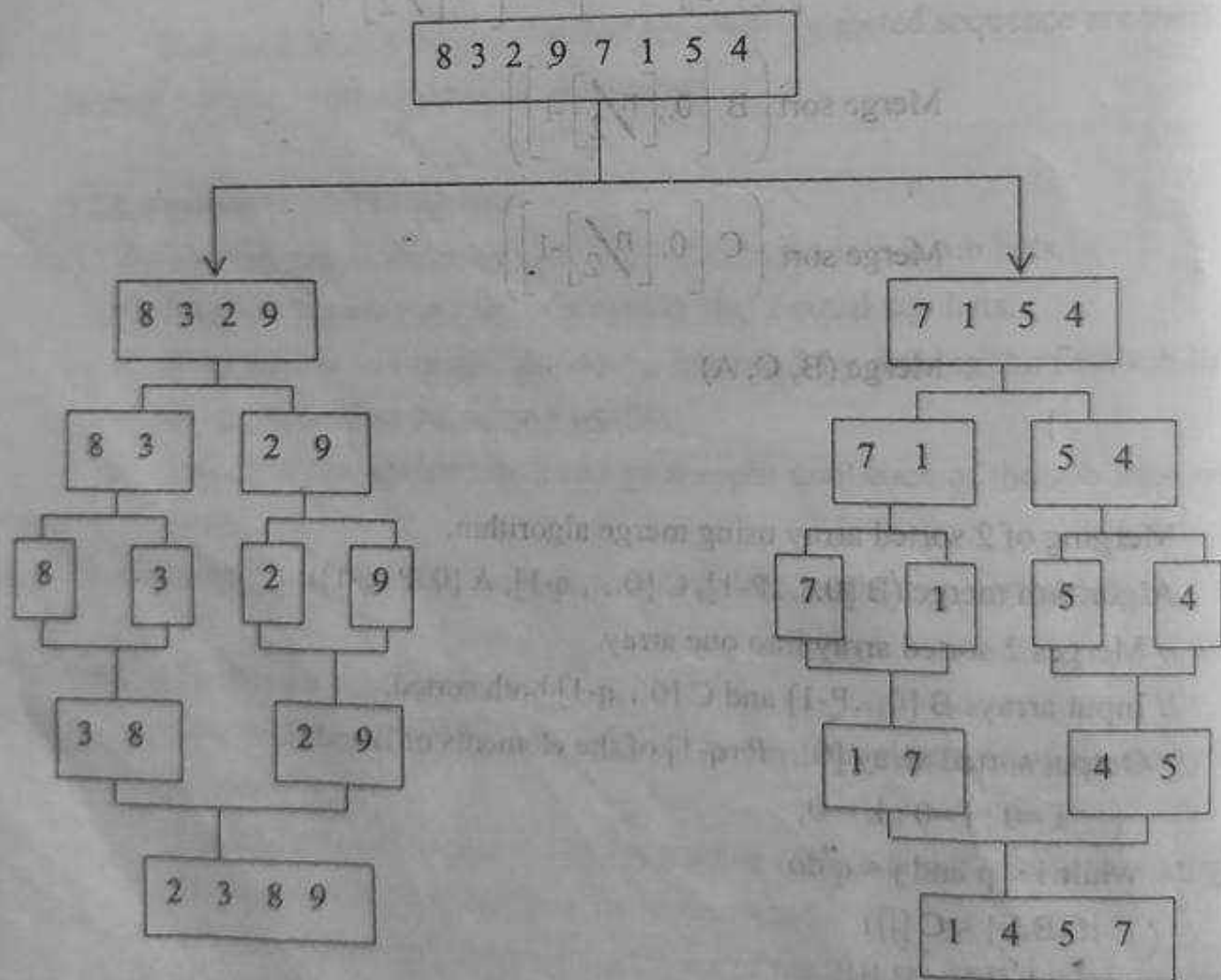


Fig 2.2 Merge sort.