```
Yash Amin Psuedo code
                length - array length
                lett + int [length - (length/2)]
                right E int [leasth/2]
              right value - 0
               left Value (0
               if (length=0)then
                     for i ← O to length - I
                          if (i < length - (length/2))then
                                lett [IcttValue] + array [k], IcttValue + lettValue + 1
                         else right [right Value] + array [k] , right Value + 1
                     end if
                     end for
                 Heft - merge (left)
                  right & Merge (right)
               right Index 60, left Index 60
                    for k = 0 to length - 1
                        if (right Value = right Index ) then
                             array [k] = lett (lett Inda), lett Index = lett Index +1
                       else it (lett Value = lett Index) then
                             array [k] & right [right Index], right Index & right Index + 1
                       else it (lett[lettsnicx] (= right (rightsnex))
wash ....
                             array [1c] ( lett [lett Index] lett Index & lett Index +1
                             array [k] + right [right Index], right Index + right falent
                       else
                     end if
                    end for
                  end if
                return (array)
```

## **Created with Scanner Pro**