```
Maite pseudocode for merge 8091t algorithm.
Meage Soul Algorithm
void mesiges out (int ACI, int first, int last)
(tepl==terif) for ?
     setuen;
 else
     mid = (floist + last)/2;
      musigescort ( A, finst, mid);
      mongesout (A, mid+1, last);
      megap (A, first, and, last);
  3
3
void meage (int AI), int flowst, int mid, int last)
3 j=0;
  lpt = Jesst;
  upt = mid+1;
   n=last-1891s+1;
   mhale (1pt/mid+1 and upt/last+1)
   { Ff(A[Apt] < A[upt]) then
      begin
        B[]=A[lpt];
        lpt = lp+1;
         j=j+1;
      end
      else
      begin
```

```
B[f] = A[upt];
     upt = up++1;
     j=j+1;
  while ( lpt < mid+1) do
  begin
    B[j]= & [lpt];
    j=j+1;
   lpt = lpt+1;
   whele (upt < last+1) do
  begin
BTj ] = A[upt];
    j=j+1)
    upt = upt + 1;
   end
   lpt = fiorst;
   for j=0 to n-1 do
   begin
       *[lpt] = B[j];
       lpt=lpt+1;
    end
3
```

