```
Mering the $200 Sorted Array.
      # include Lotdio.b>
       void main()
       int ari[50], ara[50], ara[100], m,n,i,i,k=0;
        Point F ("In Enter Size of array in Array 1:");
        Scanf ("% of d", & m);
        Pointf("In foter Scoted elemen in Array 1: In");
       for (i=0;icm;i++)
           Scanf("of-d", fari[i]);
        Point F ("In Enter Size of ar 2 dy in Array 2;");
        Scano F ("of.d", 40);
        point f("In toter Sorted elements of array 2: In")
       for(i = 0; icn; i++)
        Scanf ("1.1.d", ara [i])
       while (ic m&djen)
```

```
if (ar i[i] < ara[ij])
      ar3[x] = ar1[1];
      i++;
200 4 dili 103" Loci 78 no 10030 no 10031 no 400
      ar3[x] = av2[j];
K++;
if (i > = m)
        while (jzn)
           ar3[k] = ar 2[j];
            1c++',
         etse If (3>=n)
           a while (izm)
```

2

ar3[k] = ar 1[r];

i++;

k++;

3

Print f(" | n After merging: \n");

for (i = 0; icmtn; i+)

2

print f(" | n 1. d", ar 3[i]);

3

3

Output

Enter Size of array in Array 1:3

Enter street elements of array 1:

1

3

5

Enter Size of array in Array 2:2

Enter Size of array in Array 2:2

Enter Sorted elements of array 2:

After Merging!

[Program finished]

Arte ven in in

+11; (x 7000) (0 = 1) 10

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