

Menggabungkan dua tabel

main.c

```
🖭 untitled • (SIDE, SIRO, Pertemuan 5, Prak 5, Tugas2, phpmail, Pertemuan 6 (PBO), Pertemuan 6) - Sublime Text (UNRE
File Edit Selection Find View Goto Tools Project Preferences Help
OPEN FILES
                          form1.php
                                                                      coba.php
 × form1.php
 untitled
                         #include <stdio.h>
 × coba.php
 untitled
 untitled
                         int main(){
untitled
                              int n,m;
 untitled
                     6
                              int i;
FOLDERS
                              printf("Banyak data pertama\t: ";)
 ▶ ☐ SIDE
                              scanf("%d",&n);
                     8
 ▶ ☐ SIRO
                              int angka1[n];
 ▶ ☐ Pertemuan 5
                              priintf("Masukkan data\t\t: \n");
                    10
 ▶ ☐ Prak 5
                    11
                              for(i=0;i<n;i++){</pre>
 ▶ ☐ Tugas2
                    12
                                   scanf("%d",&angka1[i]);
 }
                    13
  ₩ 🗁 css
                    14
      🔓 bootstrap.min
                    15
                              printf("Banyak data kedua\t: ";)
  ▶ ☐ fonts
                              scanf("%d",&m);

    img
    img

                    17
                              int angka2[m];
  b ☐ js
                              priintf("Masukkan data\t\t: \n");
                    18
    htaccess.
                               for(i=0;i<m;i++){
                    19
    form1.php
                                   scanf("%d",&angka2[i]);
    gagal.html
                    20
    index.php
                    21
    honeksi.php
                    22
                              int angkaurut[m+n];
    response.php
                    23
                              merge(angka1,angka2,angkaurut,n,m);
 Pertemuan 6 (PBO)
                    24
 ▼ Pertemuan 6
                              printf("Data terurut \t :");
                    25
  ▼ 🗁 1
                    26
                              for(i=0;i<n+m;i++){
                    27
                                   printf("%d\n", angkaurut[i]);
                    29
                    30
Line 28, Column 37
                                                            W
 Н
        0
```

mesin.c

• Table Sorting procedure

🔳 untitled • (SIDE, SIRO, Pertemuan 5, Prak 5, Tugas2, phpmail, Pertemuan 6 (PBO), Pertemuan 6) - Sublime Text (U File Edit Selection Find View Goto Tools Project Preferences Help **OPEN FILES** form1.php untitled coba.php × form1.php void uruttable(int tabel[], int n){ untitled × coba.php 2 int tampung; untitled int tuker,i; untitled 4 do{ untitled 5 tukar = 0; untitled for (i=0;i<n-1;i++){ 6 FOLDERS if(tabel[i] > tabel[i+1]){ 7 ▶ ☐ SIDE tampung = tabel[i]; ▶ □ SIRO 8 Pertemuan 5 tabel[i] = tabel[i+1]; 9 ▶ ☐ Prak 5 tabel[i+1] = tampung; 10 ▶ ☐ Tugas2 11 tukar = 1;12 ₩ 🗁 css 13 bootstrap.min }while(tukar == 1); ▶ ☐ fonts 14 ▶ ☐ img 15 □ js

Merge Table procedure

```
🖭 untitled • (SIDE, SIRO, Pertemuan 5, Prak 5, Tugas2, phpmail, Pertemuan 6 (PBO), Pertemuan 6) - Sublime Text (UNREGISTERED)
            Edit
                       Selection Find View Goto Tools Project Preferences
 OPEN FILES
                                                        ∢ ▶
                                                                           form1.php
                                                                                                                                         untitled
                                                                                                                                                                                                       coba.php
  × form1.php
                                                          16
   untitled
                                                          17
                                                                        void merge(int first[], int second[], int result[], int n, int m){
  × coba.php
                                                                                   uruttable(first,n);
   untitled
                                                          19
                                                                                   uruttable(second,m);
   untitled
                                                          20
   untitled
                                                          21
                                                                                    int index1 = 0; index2 = 0, index3 = 0;
  untitled
                                                          22
  FOLDERS
                                                          23
                                                                                   while((index1<n) && (index2<m)){</pre>
  ▶ ☐ SIDE
                                                          24
                                                                                                if(first[index1] < second[index2]){</pre>
  ▶ ☐ SIRO
                                                                                                            result[index3] = first[index1];
                                                          25
  ▶ Pertemuan 5
                                                          26
                                                                                                            index1++;
  ▶ □ Prak 5
                                                          27
                                                                                                            index3++;
  ▶ ☐ Tugas2
                                                          28
                                                                                                }else if(first[index1] > second[index2]){
  29
                                                                                                            result[index3] = second[index2];

▼ CSS

                                                          30
                                                                                                            index2++;

    bootstrap.min
    boo
                                                          31
                                                                                                            index3++;
       ▶ ☐ fonts
                                                                                                }else{
                                                          32
       ▶ ☐ img
                                                          33
                                                                                                            result[index3] = first[index1];
       ▶ 🗀 js
                                                          34
                                                                                                            index1++;
                                                          35
             htaccess .
                                                                                                            index3++;
                                                          36
                                                                                                            result[index3] = second[index2];
             form1.php
                                                          37
                                                                                                            index2++;
             🖺 gagal.html
                                                          38
                                                                                                            index3++;
             index.php
                                                          39
                                                                                                }
             honeksi.php
                                                          40
             response.php
                                                                                    int i =0;
                                                          41
  ▶ ☐ Pertemuan 6 (PBO)
                                                                                     for(i=index1;i<n;i++){
                                                          42
   ▼ Pertemuan 6
                                                          43
                                                                                                result[index3] = first[i];

▼ □ 1
                                                          44
                                                                                                index3++;
                                                          45
                                                          46
                                                                                     for(i = index2;i<m;i++){
                                                          47
                                                                                                result[index3] = second[i];
                                                          48
                                                                                                index3;
                                                          49
                                                          50
  Line 23, Column 37
    \pm
                       О
```

Menggabungkan tiga tabel

Main .c

🖭 D:\Folder Baru\3.c (SIDE, SIRO, Pertemuan 5, Prak 5, Tugas2, phpmail, Pertemuan 6 (PBO), Pertemuan 6) - Sublime Text (U File Edit Selection Find View Goto Tools Project Preferences Help **FOLDERS** < ▶ view.php table.php 3.c ▶ ☐ SIDE ▼ SIRO int main(){ ▶ ☐ admin int n,m,o; int i; printf("Banyak data pertama\t: ");
scanf("%d",&n); index.php table.php int angka1[n]; uiew.php printf("Masukkan data\t\t: \n"); img
 img for(i=0;i<n;i++){ ▶
☐ js scanf("%d",&angka1[i]); 10 ▶ ☐ lib 11 ▶ ☐ siswa 12 check.php printf("Banyak data kedua\t: "); 13 index.php scanf("%d",&m); 14 [logout.php 15 int angka2[m]; printf("Masukkan data\t\t: \n"); 🔓 siro.sql 17 for(i=0;i<m;i++){ Pertemuan 5 scanf("%d",&angka2[i]); ▶ ☐ Prak 5 19 ▶ ☐ Tugas2 printf("Banyak data ketiga\t: "); ₩ 🗁 css scanf("%d",&o); 22 🔓 bootstrap.r 23 int angka3[o]; ▶ ☐ fonts printf("Masukkan data\t\t: \n"); 24 ▶ ☐ img 25 for(i=0;i<o;i++){ w 🗁 js scanf("%d",&angka3[i]); 🔓 bootstrap.i } 🔓 jquery.min. 28 htaccess. 29 int firstMerged[n+m]; form1.php 30 int lastMerged[n+m+o]; gagal.html index.php 32 //Gabungkan yang pertama honeksi.php merge(angka1,angka2,firstMerged,n,m); response.php 34 35 //Gunakan hasil firstMerged untuk penggabungan kedua

(SIDE, SIRO, Pertemuan 5, Prak 5, Tugas2, phpmail, Pertemuan 6 (PBO), Pertemuan 6) - Sublime Text (UNR Find View Goto Tools Project Preferences Help

```
view.php
                            3.c
                                                  table.php
22
        scanf("%d",&o);
23
        int angka3[o];
        printf("Masukkan data\t\t: \n");
24
        for(i=0;i<0;i++){
25
           scanf("%d",&angka3[i]);
26
27
        }
28
29
        int firstMerged[n+m];
        int lastMerged[n+m+o];
30
31
32
        //Gabungkan yang pertama
33
        merge(angka1,angka2,firstMerged,n,m);
34
35
        //Gunakan hasil firstMerged untuk penggabungan kedua
36
        merge(firstMerged,angka3,lastMerged,n+m,o);
37
38
        printf("Data terurut \t :");
39
        for(i=0;i<n+m+o;i++){</pre>
40
           printf("%d\n", lastMerged[i]);
41
42
    }
43
```

• Gunakan mesin.c yang sama

Soal

- Diberikan sebuah 3 buah tabel data mahasiswa yang berisikan NAMA dan NIM(Bungkusan). Gabungkan dan urutkan berdasarkan NAMA scr Ascending 3 tabel tersebut menggunakan konsep Merge Table.
- 2. Diberikan 2 buah tabel **stok Alfamart** (Nama, Stok) urutkanlah tabel tersebut berdasarkan banyak huruf konsonan nya secara **Descending.**