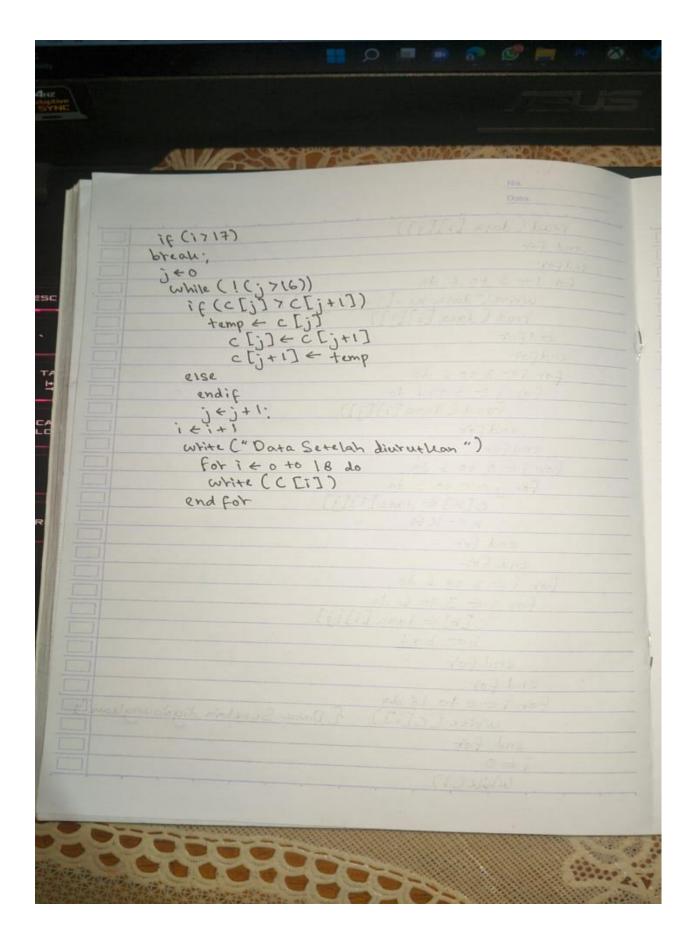
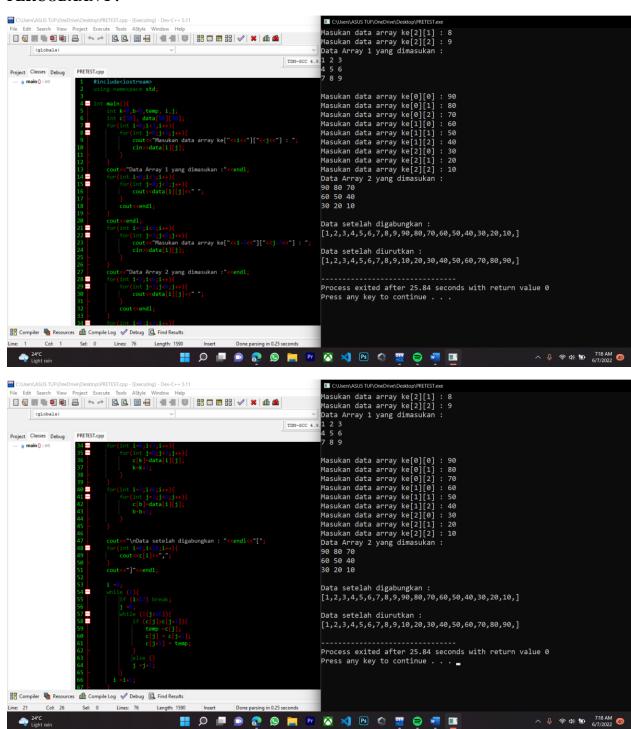
Nama: Rifai Febiyan NIM: 2100018345 Pretest & Kelas: G Prak. Alpro Belasa 13.30 Diketahui 2 buah atray 2 dimens: 3x3, Gabungkan 2 atray menjadi satu dimensi kemudian lokukan penyortingan di mulai dari yang terkecil. Buatlah algoritma hingga program C++-nya. = Algoritma -7 Anaisis = Menggabunguan 2 array 2 dimensi ordo 3 × 3 manjadi I dimansi. lalu, masukuan data dalam artay dan lakullan penyortingan dari data terkecii ke data terbesar. -7 Destript Demarasi = K=0, b=9, temp, i i integer C: attag[1...50] of integer data: array[1...50][1...50] of integer -7 Desktipsi For i 4 0 to 3 do for j < 0 to 3 do ... Write (Masullan data Ke [i][j]) Yead (data [i][i]) end for end for for it o to 3 do For j t o to 3 do

Yead (data [i][j]) end for endfor for 1 = 3 +0 6 do White ("data ke-[i-3][j-3]) read (data [i][j]) endfor endfor for it 3 to 6 do For j + 3 +0 6 do read (data [i][j]) endfor end for for it 0 to 3 do for j < 0 to 3 do c[k] < data[i][i] K + K+1 and for end for for i + 3 to 6 do For j < 3 to 6 do c[b] < data [i][j] be b+1 end for end for for 1 < 0 to 18 do Write (C[i]) { Data Schelah digabungkan } end for ito while (1)

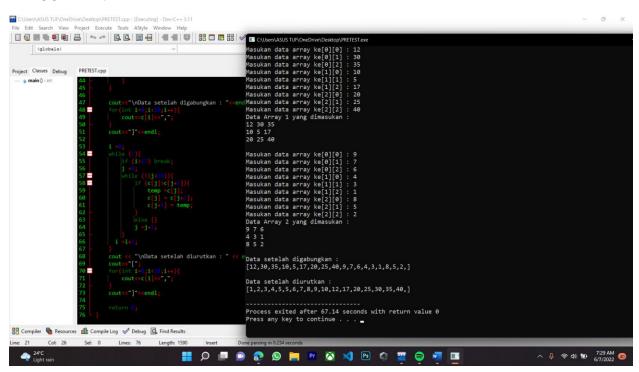


PERCOBAAN 1:



```
Masukan data array ke[2][1] : 8
Masukan data array ke[2][2] : 9
Data Array 1 yang dimasukan :
                                                                                                                TDM-GCC 4.9.1 2 3
4 5 6
7 8 9
 Project Classes Debug PRETEST.cpp
     main(): int
                                                                                                                              Masukan data array ke[0][0]: 90
Masukan data array ke[0][1]: 80
Masukan data array ke[0][2]: 70
Masukan data array ke[1][0]: 60
Masukan data array ke[1][1]: 50
Masukan data array ke[1][2]: 40
Masukan data array ke[2][0]: 30
Masukan data array ke[2][1]: 20
Masukan data array ke[2][1]: 20
Masukan data array ke[2][2]: 10
Data Array 2 yang dimasukan:
                              8 =
                               B
                                                                                                                               Data Array 2 yang dimasukan
                                                                                                                               90 80 70
60 50 40
30 20 10
                                                                                                                               Data setelah digabungkan :
[1,2,3,4,5,6,7,8,9,90,80,70,60,50,40,30,20,10,]
                                                                                                                               Data setelah diurutkan :
                                                                                                                               [1,2,3,4,5,6,7,8,9,10,20,30,40,50,60,70,80,90,]
                               Ė
                                                                                                                               Process exited after 25.84 seconds with return value 0 Press any key to continue . . . \blacksquare
 Compiler Resources Compile Log Debug 🖟 Find Results
                                                                      へ 単 奈 ゆ か 7:19 AM 6/7/2022 60
    24°C
Light rain
```

PERCOBAA 2:



Source Code

```
#include<iostream>
using namespace std;
int main(){
        int k=0,b=9, temp, i,j;
        int c[50], data[50][50];
        for(int i=0; i<3; i++){
     for(int j=0; j<3; j++){
       cout<<"Masukan data array ke["<<i<\"]["<<j<<"]: ";
       cin>>data[i][j];
        cout<<"Data Array 1 yang dimasukan :"<<endl;</pre>
  for(int i=0; i<3; i++){
     for(int j=0; j<3; j++){
       cout<<data[i][j]<<" ";
                cout<<endl;
  cout<<endl;
        for(int i=3;i<6;i++){
     for(int j=3; j<6; j++){
       cout<<"Masukan data array ke["<<i-3<<"]["<<j-3<<"]: ";
       cin>>data[i][j];
                }
        cout<<"Data Array 2 yang dimasukan :"<<endl;</pre>
  for(int i=3; i<6; i++){
     for(int j=3; j<6; j++){
       cout<<data[i][j]<<" ";
                cout<<endl;
        for(int i=0; i<3; i++){
     for(int j=0; j<3; j++){
        c[k]=data[i][j];
                         k=k+1;
     }
  for(int i=3; i<6; i++){
     for(int j=3; j<6; j++){
        c[b]=data[i][j];
                         b=b+1;
  cout<<"\nData setelah digabungkan: "<<endl<<"[";
  for(int i=0; i<18; i++){
        cout<<c[i]<<",";
```

```
cout<<"]"<<endl;
     i = 0;
while (1){
             if (i>17) break;
     j = 0;
     while (!(j>16)){
     if (c[j]>c[j+1]){
     temp = c[j];
     c[j] = c[j+1];
     c[j+1] = temp;
             }
     else {}
                     j = j+1;
 i = i+1;
cout << "\nData setelah diurutkan : " << endl;
cout<<"[";
for(int i=0;i<18;i++){
     cout<<c[i]<<",";
     cout<<"]"<<endl;
     return 0;
```