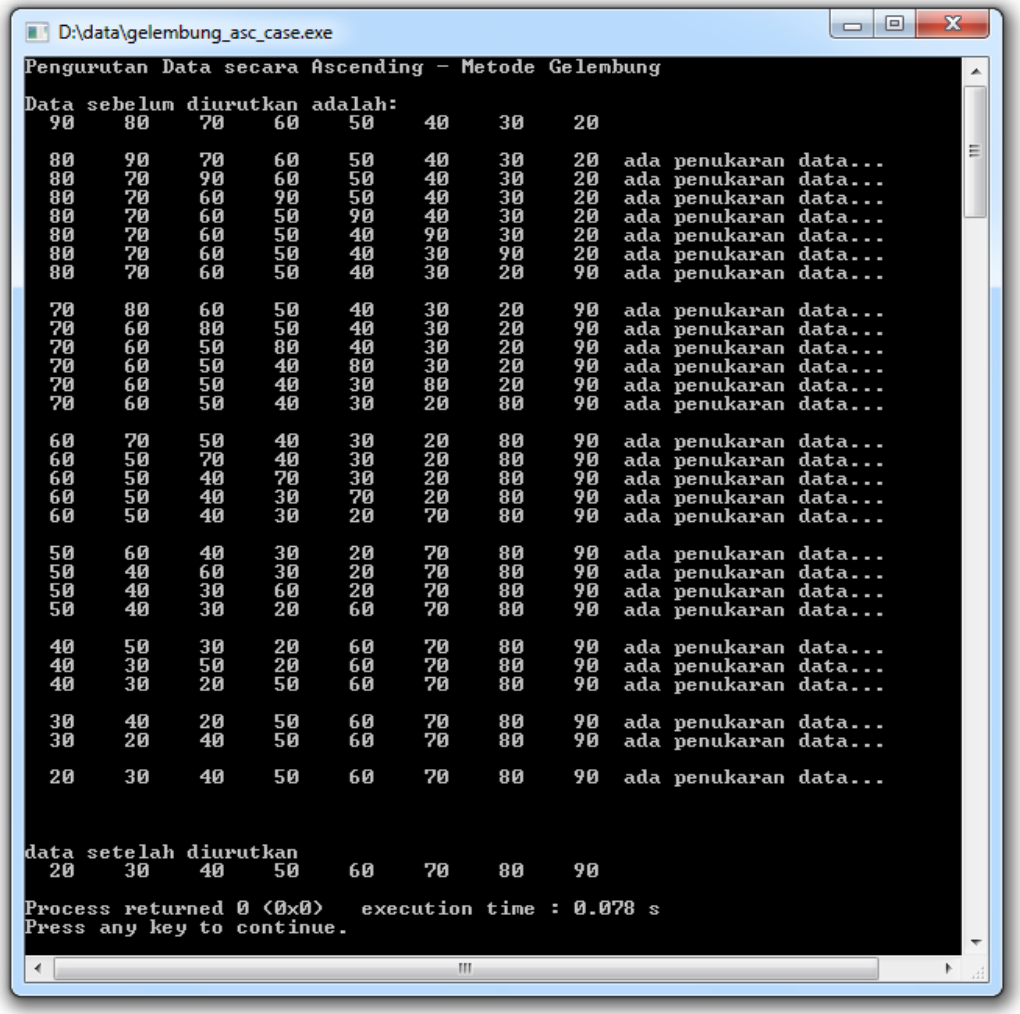
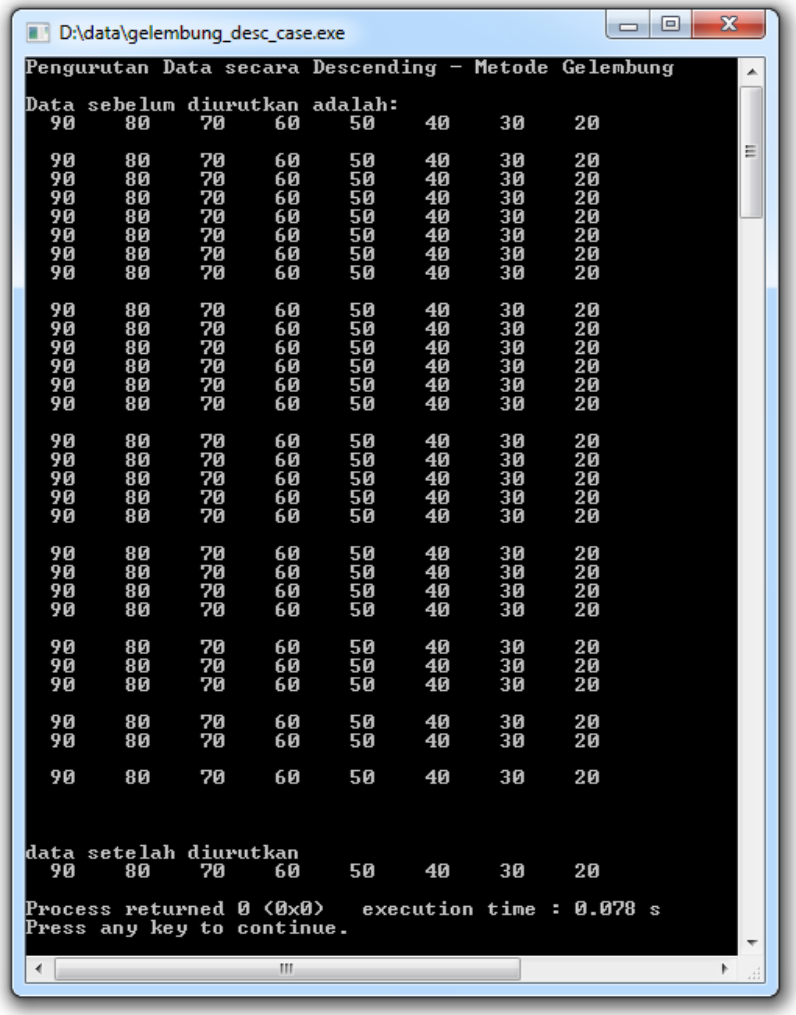
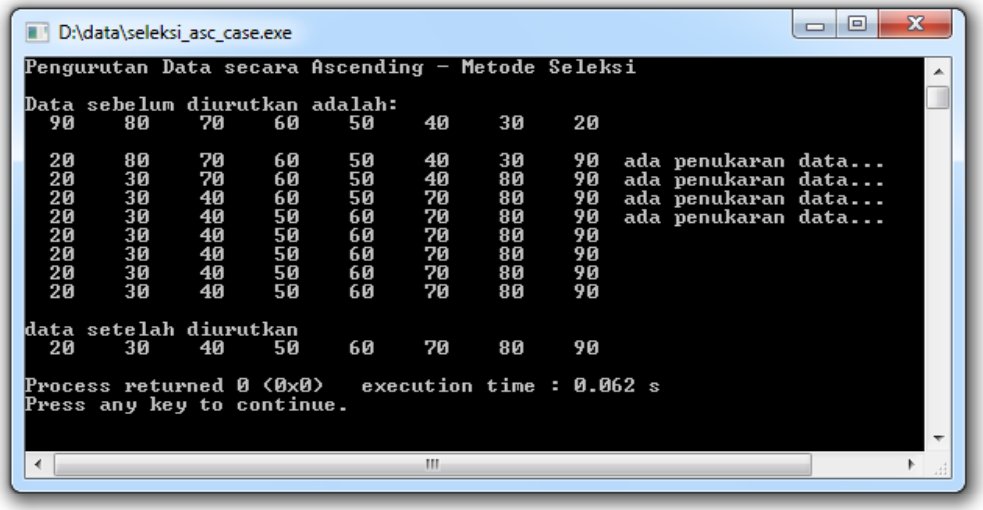
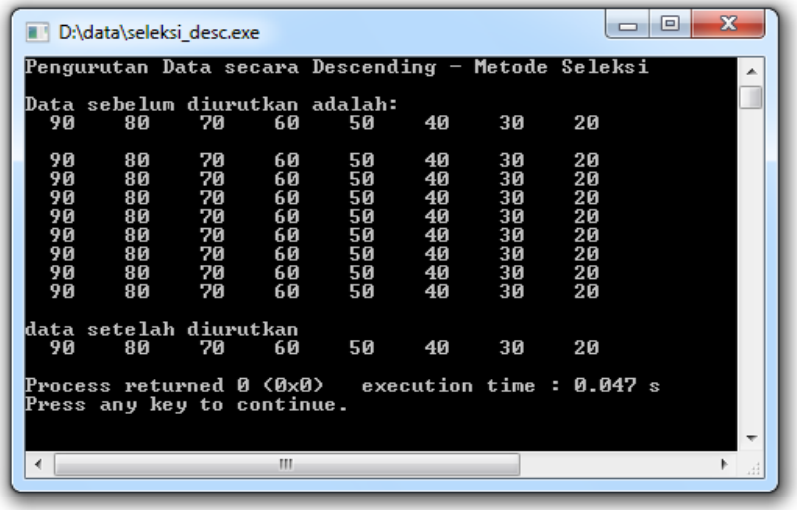

D:\data\gelembung_asc_case.exe
Pengurutan Data secara Ascending - Metode Gelembung
Data sebelum diurutkan adalah:
90 80 70 60 50 40 30 20
80 90 70 60 50 40 30 20 ada penukaran data...
80 70 90 60 50 40 30 20 ada penukaran data...
80 70 60 90 50 40 30 20 ada penukaran data...
80 70 60 50 90 40 30 20 ada penukaran data...
80 70 60 50 40 90 30 20 ada penukaran data...
80 70 60 50 40 30 90 20 ada penukaran data...
80 70 60 50 40 30 20 90 ada penukaran data...
70 80 60 50 40 30 20 90 ada penukaran data...
70 60 80 50 40 30 20 90 ada penukaran data...
70 60 50 80 40 30 20 90 ada penukaran data...
70 60 50 40 80 30 20 90 ada penukaran data...
70 60 50 40 30 80 20 90 ada penukaran data...
70 60 50 40 30 20 80 90 ada penukaran data...
60 70 50 40 30 20 80 90 ada penukaran data...
60 50 70 40 30 20 80 90 ada penukaran data...
60 50 40 70 30 20 80 90 ada penukaran data...
60 50 40 30 70 20 80 90 ada penukaran data...
60 50 40 30 20 70 80 90 ada penukaran data...
50 60 40 30 20 70 80 90 ada penukaran data...
50 40 60 30 20 70 80 90 ada penukaran data...
50 40 30 60 20 70 80 90 ada penukaran data...
50 40 30 20 60 70 80 90 ada penukaran data...
40 50 30 20 60 70 80 90 ada penukaran data...
40 30 50 20 60 70 80 90 ada penukaran data...
40 30 20 50 60 70 80 90 ada penukaran data...
30 40 20 50 60 70 80 90 ada penukaran data...
30 20 40 50 60 70 80 90 ada penukaran data...
20 30 40 50 60 70 80 90 ada penukaran data...
data setelah diurutkan
20 30 40 50 60 70 80 90
Process returned 0 (0x0) execution time : 0.078 s
Press any key to continue.


D:\data\gelembung_desc_case.exe
Pengurutan Data secara Descending - Metode Gelembung
Data sebelum diurutkan adalah:
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
data setelah diurutkan
90 80 70 60 50 40 30 20
Process returned 0 (0x0) execution time : 0.078 s
Press any key to continue.


D:\data\seleksi_asc_case.exe
Pengurutan Data secara Ascending - Metode Seleksi
Data sebelum diurutkan adalah:
90 80 70 60 50 40 30 20
20 80 70 60 50 40 30 90 ada penukaran data...
20 30 70 60 50 40 80 90 ada penukaran data...
20 30 40 60 50 70 80 90 ada penukaran data...
20 30 40 50 60 70 80 90 ada penukaran data...
20 30 40 50 60 70 80 90
20 30 40 50 60 70 80 90
20 30 40 50 60 70 80 90
20 30 40 50 60 70 80 90
data setelah diurutkan
20 30 40 50 60 70 80 90
Process returned 0 (0x0) execution time : 0.062 s
Press any key to continue.


D:\data\seleksi_desc.exe
Pengurutan Data secara Descending - Metode Seleksi
Data sebelum diurutkan adalah:
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
90 80 70 60 50 40 30 20
data setelah diurutkan
90 80 70 60 50 40 30 20
Process returned 0 (0x0) execution time : 0.047 s
Press any key to continue.