

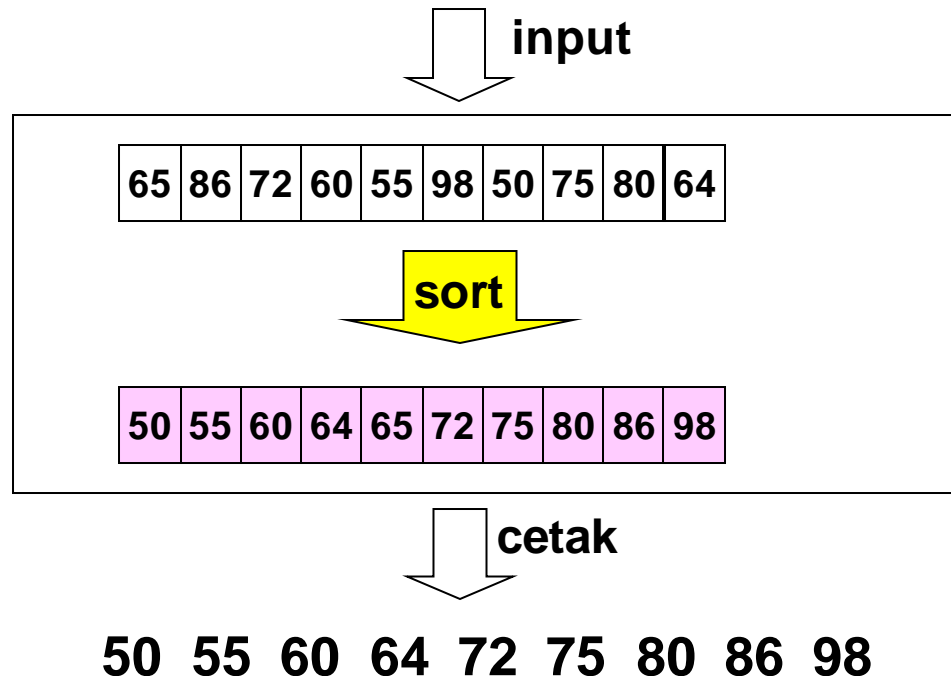
07

# Introduction to Algorithm

## Algoritma sorting

**Persoalan :** Inputkan 10 buah bilangan nilai sembarang, kemudian cetak bilangan-bilangan tersebut dengan urutan : urut nilai menaik

**65, 86, 72, 60, 55, 98, 50, 75, 80, 64**



```

#include<iostream.h>
#define n 10
void main()
{ int A[n];
  int I, K, X;
  for(I=0; I<=9; I++)
    { cin >> A[I];
    }

  cout << "\n Sebelum disort : ";
  for(I=0; I<=9; I++)
    { cout << A[I] << "  ";
    }

  for(K=0; K <= n-2; K++)
    { for(I=0; I <= n-2 - K; I++)
      { if(A[I] > A[I+1])
        { X = A[I];
          A[I] = A[I+1];
          A[I+1] = X;
        }
      }
    }

  cout << "\n\n Sesudah disort : ";
  for(I=0; I<=9; I++)
    { cout << A[I] << "  ";
    }
}

```

selesai

Tahap-7