NIM: 10200055

Nama: Yoga Adi Saputra

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Logika & Algoritma > Pertemuan ke-11
 NIM: 10200055
 Nama: Yoga Adi Saputra
 Data 1/2 29,27,10,8,76,21,29,27,10,83
·> Sequential Search
   Iterasi
                     Condition X=1A ?
   1
               11
                    8 = 29? false
8 = 27? false
               12
                      8 = 10? false
8 = 8? true
               13
                                         1 = 3 +1 = 4
               19
                       Stop, Pencarian subses
· > Binary search dota
   data = {8,8,10,10,21,27,29,291,76}, u=8
           123466 4 8 9 10
  · Iterasi 1:
    B, B, 10, 10, 21, 27, 29, 29, 76
                                       - mid = 60 + 1)/2 = 5
    low
                                  high
    mid = 2e
    21 = 8? false
    high = mid -1 = 5-1 = 4
  • Iferail 2
8,8,10,10 - mid = (4+1)/2 = 2
    1000 MM high
     mid = 10 ?
     8 = 8 ?true
```

```
Min & Max
  Straitmaxmin (best case)
   data u: { 8,8,10,10,21,27,27,29,29,76}
   min mad , a = 8, froses pencarian n-1 = 10-1 = 9
   us>max?8>8? false - o operasi 1
   113 > max 1,10 > 8 1 true, maka max = 115 = 10 - P Operasi >
   24 > max? 10 > 20? palse - Operasi 3
   us > max ? 21 > 10? true, maka max = Ur = 21 - 2 operasi 4
   Uc > max ? 27 > 21 ? Grue, malla max=16 = 27 → Operasi 5
  Uz > max ? 27 > 27? false -> operasi 6
  Us > max ? 29 > 27? froe - mala max = Us = 29 + Operasi 6
  elg > max ? 29>29? false r operasi &
  Operasi 9
 Jadi min = 8 & max = 76
```

