

# **PRAKTIKUM STRUKTUR DATA**

Strukdat-11 (Exercise1)



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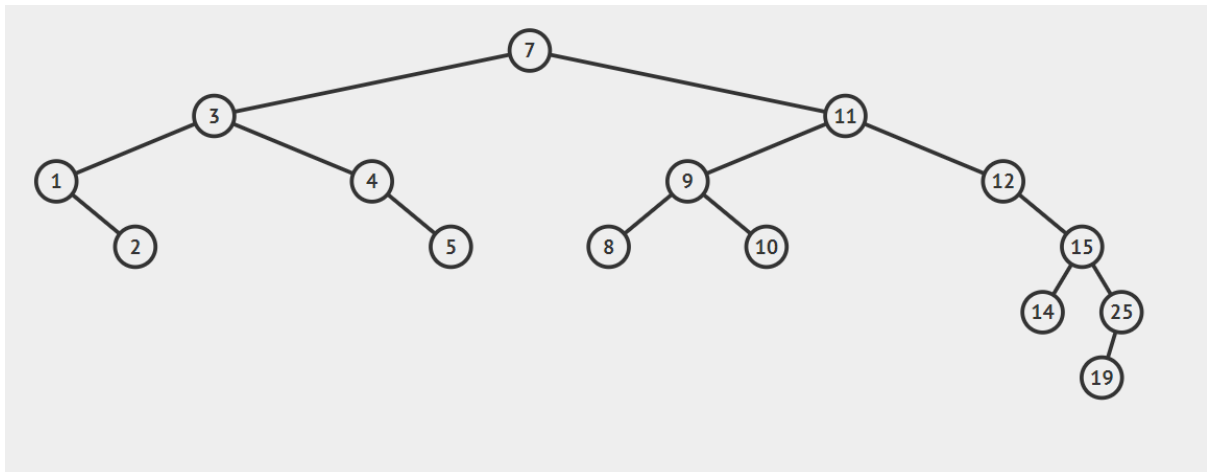
**Sumedang**

**2019**

### Exercise-01

7 11 3 4 5 9 12 15 1 10 2 25 8 14 19

Graph:



#### 1. Derajat

- Derajat (=2) : [ 7 , 3 , 11, 9, 15]
- Derajat (=1) : [ 1, 4, 12, 25]
- Derajat (=0) : [ 2, 5, 8, 10, 14, 19]

#### 2. Kedalaman (H)

- H (0) : [ 7 ]
- H (1) : [ 3, 11]
- H (2) : [ 1, 4, 9, 12]
- H (3) : [ 2, 5 , 8, 10, 15]
- H (4) : [ 14, 25]
- H (5) : [ 19]

#### 3. Level

- Level 1 : [ 7 ]
- Level 2 : [ 3, 11]
- Level 3 : [ 1, 4, 9, 12]
- Level 4 : [ 2, 5 , 8, 10, 15]
- Level 5 : [ 14, 25]
- Level 6 : [ 19]

4. Saudara

$$\text{Saudara} = \{(3, 11), (1, 4), (9, 12), (8, 10), (14, 25)\}$$

5. Daun

$$\text{Daun} = [2, 5, 8, 10, 14, 19]$$