

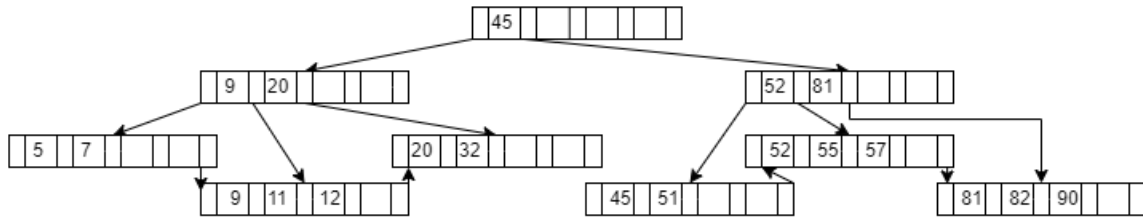
Alp Tuğrul Ağçalı

21801799

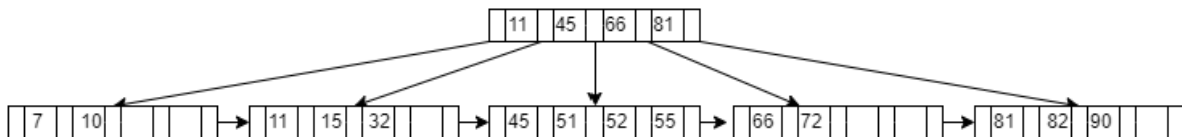
CS-353 Database Systems Homework 6

Q1: We have that, $n = 5$. So, leaf nodes must have between 2, 4 values and non-leaf nodes other than root must have 3, 5 children. Additionally, the root must contain at least 2 children.

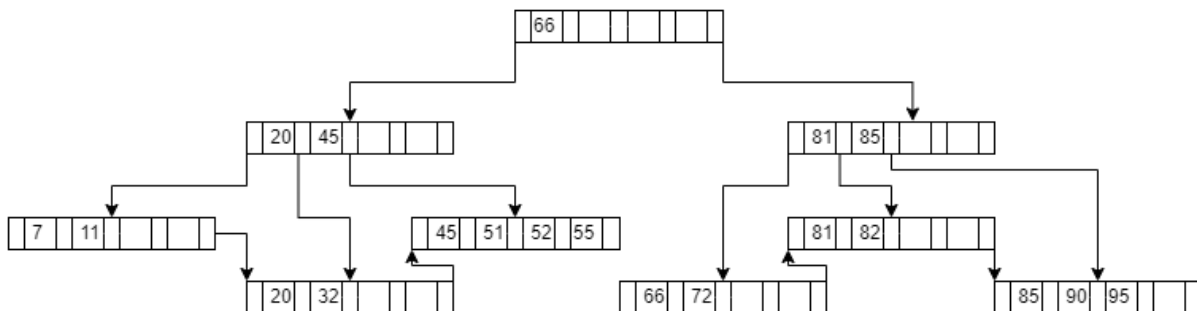
a-)



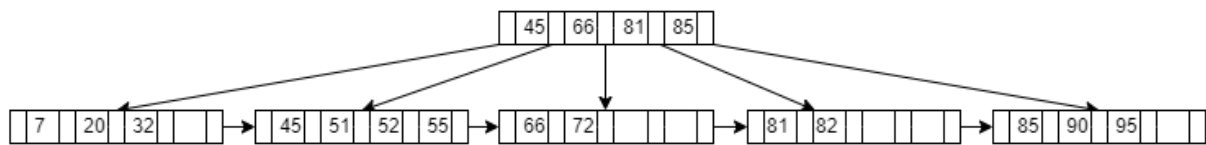
b-)



c-)

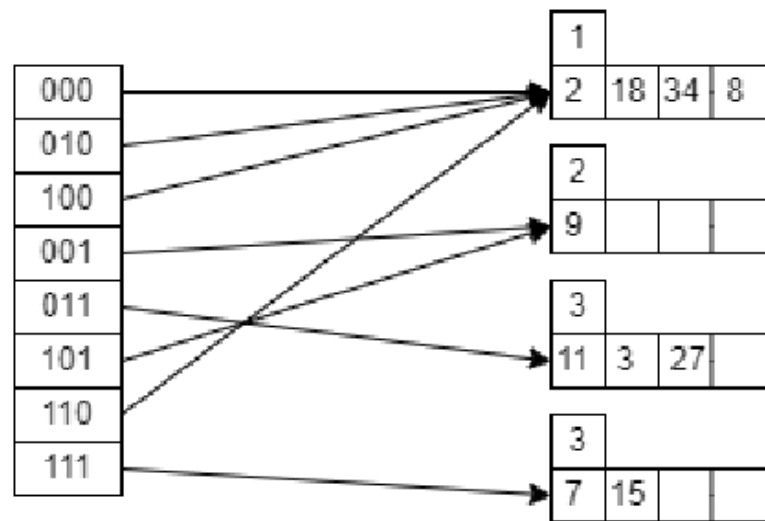


d-)



Q2:

a-) 7, 15



b-) 7, 6, 4, 0, 12, 1, 5, 13, 29

