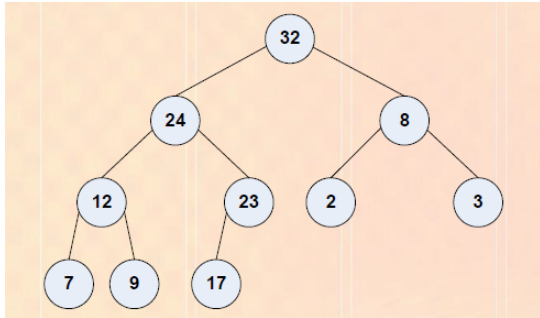


nrNoduri = 10

capacitate = 20

32	24	8	12	23	2	3	7	9	17	Elemente disponibile la inserare	
0	1	2	3	4	5	6	7	8	9		



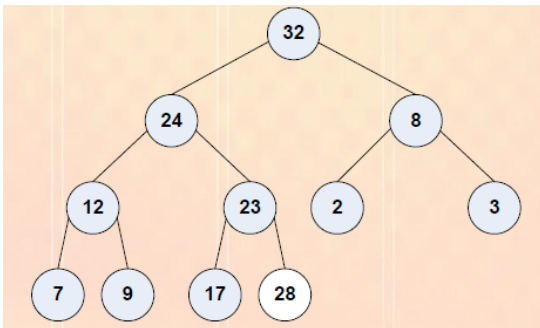
i = 4, key = 23

Parinte(4) = $\lceil (i - 1) / 2 \rceil = \lceil (4 - 1) / 2 \rceil = 1$ (offset) -----> key = 24Stanga(4) = $2 * i + 1 = 2 * 4 + 1 = 9$ (offset) -----> key = 17Dreapta(4) = $2 * i + 2 = 2 * 4 + 2 = 10$ (offset) -----> key = ???

nrNoduri = 11

capacitate = 20

32	24	8	12	23	2	3	7	9	17	28	Elemente disponibile la inserare	
0	1	2	3	4	5	6	7	8	9	10		



nrNoduri = 11

capacitate = 20

32	28	8	12	24	2	3	7	9	17	23	Elemente disponibile la inserare	
0	1	2	3	4	5	6	7	8	9	10		

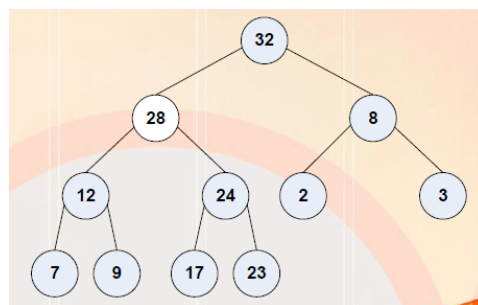
i = 10, key = 28

Parinte(10) = $\lceil (10 - 1) / 2 \rceil = 4$ (offset) -----> key = 23

i = 4, key = 28

Parinte(4) = $\lceil (4 - 1) / 2 \rceil = 1$ (offset) -----> key = 24

i = 1, key = 28

Parinte(1) = $\lceil (1 - 1) / 2 \rceil = 0$ (offset) -----> key = 32

nrNoduri = 10

capacitate = 20

28	24	8	12	23	2	3	7	9	17	Elemente disponibile la inserare	
0	1	2	3	4	5	6	7	8	9		

i = 0; key = 23

Stanga(0) = $2 * 0 + 1 = 1$ (offset) -----> key = 28Dreapta(0) = $2 * 0 + 2 = 2$ (offset) -----> key = 8

i = 1; key = 23

Stanga(1) = $2 * 1 + 1 = 3$ (offset) -----> key = 12Dreapta(1) = $2 * 1 + 2 = 4$ (offset) -----> key = 24

i = 4; key = 23

Stanga(4) = $2 * 4 + 1 = 9$ (offset) -----> key = 17Dreapta(4) = $2 * 4 + 2 = 10$ (offset) -----> key = ????