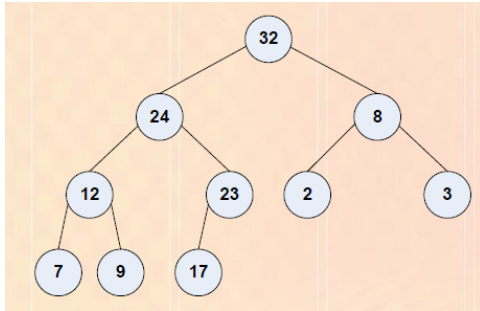


nrNoduri = 10

capacitate de stocare = 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	



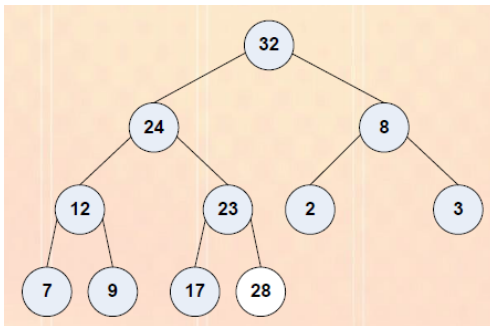
i = 4; key = 23

Parinte(4) =  $\lfloor (i - 1) / 2 \rfloor = \lfloor (4 - 1) / 2 \rfloor = 1$  (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 de stocare = 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 de stocare = 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	

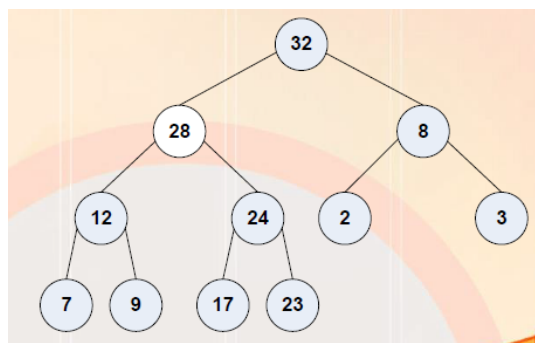
i = 10; key = 28

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

i = 4; key = 28

Parinte(4) =  $\lfloor (4 - 1) / 2 \rfloor = 1$  (offset)----> key = 24

i = 1; key = 28

Parinte(1) =  $\lfloor (1 - 1) / 2 \rfloor = 0$  (offset)----> key = 32

nrNoduri = 10

capacitate de stocare = 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 = ?????