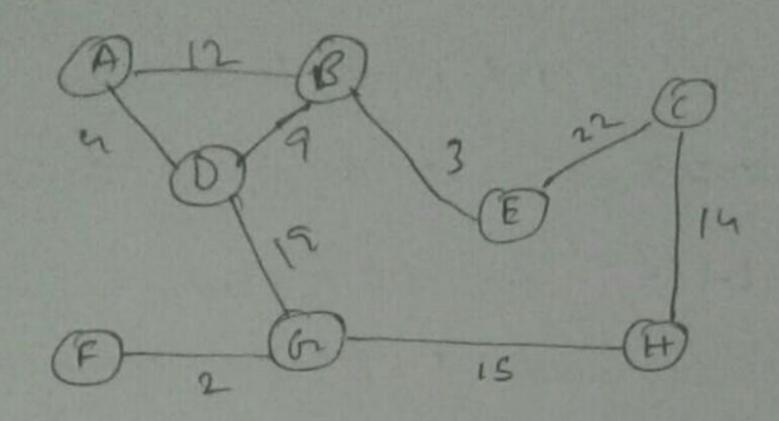
Since the height is an Integer, the tree will have at most 2 and hence there will be at most 2 pages brought into main memory during a pearch.

Stering								Reason				
a	Ь	C	d	e	f	9	-64	7	ø;	P	Dj K	
	4	e	4	i	×							Initial
		-	d	e	+	- 1	×					shift(f) = 2
					9	e	4	î	×			Shif (f) = 2
					i	4	e	4	-	×		Shif (i) =1
							;	d	e	+	ix	Skif (4)=2

Given,



		votex	weight	length
1	D	A	4	4
		B	9	9
		6	19	19
2.	A	В	12	9
3	B	E	3	12
4	E	C	22	34
5.	62	F	2	21
		1+	15	34
6	F	-	-	21
7	c	-	-	34
8.	4			34

1	A	B	c	0	E	F	62	H
1	4	9	34	0	12	21	19	34