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	Name: Makarand S. Khadakban	
	Class: BE-IT	
	Roll No.: 30	
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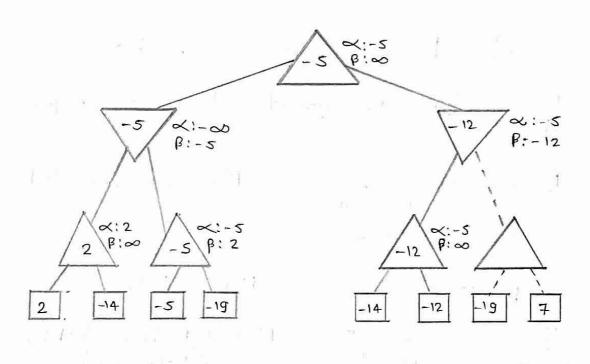
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	Alpha-Beta Buning:
	Alpha-beta Burning: It is a modified version of
	the min-max algorithm. It is an optimization technique for the minmax
	algorithm.
•	Alpha (x): The best (highest value)
	Initial value of alpha is - 00
	Beta (B):
	The best (highest value)
	Initial value of beta is + 0
	Rules & conditions:
0	A) The max player will only update the
	value of alpha
	B] The min player will only update the
	c] We will only pass the alpha. beta values to the child nodes.
	Values to the Child modes.
	DJ Node values will be possed to upper nodes instead of values of & f B

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	Condition to prune: a 3b or b < a
	When alpha is greater than or equal
	1] ~ (-0,2) = 2 - Max (Bottom left) ~ (-0,-14)=-14
0	× (2,-14)=2
	27 β(D, 2) = 2 - Min (left)
	3] x (-0.19): -5 - Max (Bottom left) x (-0,-19): -19 (left node)
	~ (s,-19): -5
	4] × (-5,-12) - Top (max)
	s) p(2,-5): -5 - Min (right
0	6] B(-00,-5)=-5 - Max (Bottom right) (right node)
	7] ~ (-5,-12):-5
	$\sim (-5,-14)=-5$ $\sim (-12,-14)=-12$
	8] p (do,-14)=-14 - Min (sight)
	β: -12



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So the next node is pruned 9] < 5	~ 7 B
हिंद्र ०० (-5, -12) 5	So the next node is pruned.
हिंद्र ०० (-5, -12) 5	9] X=-5 Max
GYA SHEEDYE WIROUT	β= ∞
प्रधानदीपेन भारवताः ॥ () () () () () () () () () () () () ()	
	GYAA
	1 P. 1 1/0
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