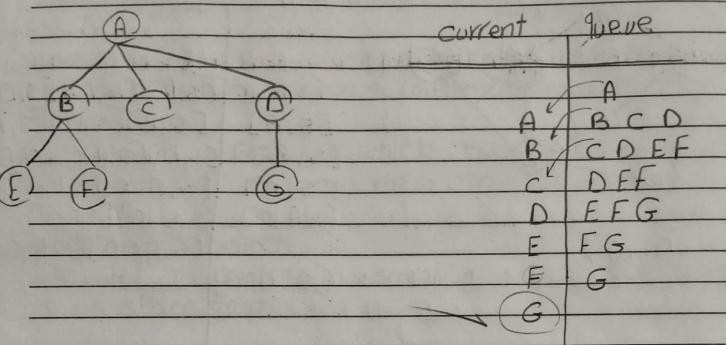
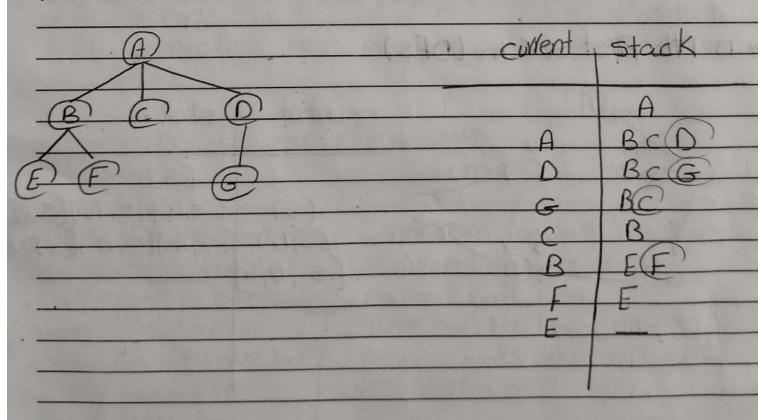
* Breadth First traversal - (BFT)



* DePth First traversal: (DFT)



K.M.S

Date / / Object Breadth * Depth First Search : (BFG) queue عامام انول العربي ما معان والما الم قبل الما معم الما الم * DePth First search (DFS) K.M.S

2-optimal 3 - Time & space complexity **Object** Date = olbceilling/8) cost search: uniform Luse apriority queue Heast cost first) 2. Pop element with least cost if two element have some cost use alphabetic order Proivity queve current Goal (S. JG) Nocle cost = cost to Move from siA = = 115-6 cost = H value For lost node in the Path (c) From table cost - G-cost + H-cost x combines uniform ost & gready A* Finds the offimal Path * idea , avoid expending Paths that already expensive

1-complete

Date / / Object		2mi60 (1 600
) Sein	white (Black		
Genetic Algorithm. u			5
		tion Problems	
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String sometimes called ger		les de la constant	
Shit string called in		ten mariay.	
initial Population: M	lust be arefre	sentative sam	ple of
the search space	- 1 - 1	1:1 20	1 -1 6
random initialization	n can be aga	od idea it sami	ole is hig
GA: fitness function will be in next a			ide it
common selection Meth	ods used in GF	Aserch a.	960 31
1- Fitness ProPortiona	ite selection	SERVICE TO	
z Ronal selection			
3-tournament selecti	ion	= by sponer,	Phot
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Rank selection: All i			and the second s
To their Fitness, Each	i endividual is	s then assigne	d libra
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HOTEBOOK & STATIONARY