



step	Node being expanded	children	Available Node	Node chosen
1	S	(A:3)(B:6)(C:5)	(A:3)(B:6)(C:5)	(A:3)
2.	A	(D:9)(E:8)	(B:6)(C:5)(D:9)(E:8)	(C:5)
3.	C	(H:7)	(B:6)(D:9)(E:8)(H:7)	(B:6)
4.	B	(F:12)(G:14)	(