2. W Depth-First Search Order of visiting: [1,2,5,6,10,11,3,7,12,13,4,8,9] Open-list at step 3: [6,3,4] (after expanding 1, 2, 5). (b) Depth-First Herative-Deepening Search Order of visiting: [1, 1, 2, 3, 4, 1, 2, 5, 6, 3, 7, 4, 8, 9, 1, 2, 5, 6, 10, 11, 3, 7, 12, 13, 4, 8, 9] Openhist at step 3: [4,7] (after expanding 1, 2, 3) (c) Uniform- Cost Sear ch: Order of visiting: [1, 2, 400, 3, 4, 5, 6, 7, 8, 9, 10,11,12,13] Open-list at step 3: [4,5,6,7]
(after expanding 1,2,3)

(d) Best-First Seas ch (G reedy; f(n)=h(n)) Order & visiting: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13] Open-list at step 3: [4,5,6,7]

(after expanding 1, 2, 3)

(e) A\* seach

Order of visiting: [1,2,3,4,5,6,7,8,9,10,11,12,13]

Open-list at step 3: [4,5,6,7]

(after expanding 1,2,3).