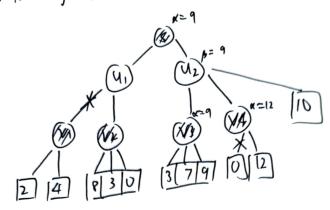
a) iteals over note, from right to left



p(U2) = 00 max node s explore, man node uz M2N node u, explores terminal note (10) => p(u2)=(0 More node us then employer MAX node vy MAX note V_4 explores temporal node (12) =) $\alpha(v_4)=12$

a stop rearching below MAX note by since Max ancertor us has pr(us) < x(va) edge between (4)-(0) is privid

MON node uz then explore, MAX note vz

MAX note V_3 explores forminal notes in order $(9, 12, 13) = 2 \propto (v_3) = 9$

M2N note U2 uplan4 p(42) = 9

MAX node & uplate & (1) = 9

r(u1) = 0 MAX node, then explore, M2N node 4, Man note U1 explore) Max note V2

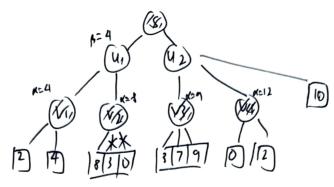
x value of a pulled down from ancestor s lucal $d = 8 \leq 9$ Now of familial rule, 179 \Rightarrow $\beta(u_1) \leq 9 \leq \alpha(1)$

MAX note v, explores faminal nodern order (D)(D)(D) =) &(v2)=9 Mar note u_1 update $p(u_1) = 9$

x stop reaching below MON note U_1 since MAX ancestor s has $x(s) \geq \beta(u_1)$ edge between (4) -(VI) prumb

action returned at MAR node, is to explore MON node U2

h) iteals ove node from left to right



4(1)=-4 max note s explore, man note u, with not u, explor, MAX node VI MAX male V, explorer terminal mode in orde (2), (4) = 1 & (4) = 4 MZN mode (1, update ps (u1) = </ MZN noch u, then explore, MAX node V2

MAX mode v, explores forminal hole (8) =) ox(v2)= 3 * stop searching below MAX mode V) since MIN ancester U, has \$(U1) = x(V2)

eige between (2)-13 and (2)-10 pmn?

MAX modes update ox(1)=4

MAR mode) ther explore, MON mode us

NOW work us early son you us

Max mode V3 explores terminal modes in order (3), (3), (1) => «(1) = 9

MEN node us updates p(uz) = 9

more node us then explore MAX hole vis

MAX mode vzy applan teminer mode in whe (1), (12) =) & (14/=12

ok Aly marching telow MAX mode V4 since NON ancester U2 has A(U2) < x(14)

nu edgot topmen

MZN node 1/2 explores faminal mode (10), p(u2) Aill 9

MAX nodes upla all) =9

action returned at MAX note is to explore MZN node u2

Hereting orde does affectivenes of punny, dearing from night to let printed more of the