Unisted Prev Note Visited Current A:0 A/A A B: \$6 A B D: \$6 A D E \$7 B, D E A=0: B: 5+025. B: 5+025
F: 3+023-Update rode on values D: 6+026 Next note ul shortest tentative distance. P % 3 AF So & MIO FC G Shortest Parth: 628+3211 - Updote vode and value MABECG A is already visitel. ( found by working backeneds = Gr(, E(B,D), A Fis now visited. ADECG ADECG B=5: C: 4+529 = Update ned al salves E: 2+527 Shortest Disterce: A is closely usted. B is now visited. G2107 C: 3+629 > no ydade uf values. E: 1+627 Update nede because valves for distance A is alredy with are equivalent? Dis now visited. 1227· C: 1+728 - Washle prev rade and value B,D, are already visited. Fair now vistel. (28: G: 2+8=10 - Upderte prev note and value B.O. E alredy with. Cis non winter.

G. 10 All other nodes are visited. Algorithm ends.

6 C - Enode fails Visitel Unisited Prev Nole Current Node A=O N/A A=0. B 8. NO 5 A B:5+0.5, Limp 9 B,D F: 3+023 Update Dix 6 D: 6+026 X-Fails F : \$ 3 A G: 8+3=11 - Uplan 6. XII F.C B25: C: 4+529 - Uplate Working Backendy: Shotest Party G-F-A: AFG Z is not fuction! D26: GOCOBOATABCA C: 3+629- Equalent value, update frev rocke (add D to list) G-C-D-A (ADCG) Czj: Shortest Length: G. 2+9211 - Equivalent value, update prev rule (add c) (G=11)

G211: Done