ALG - 11/12/23 DIJKSTRA

G= (V, E) W: E > R+ SEV

YreV S(r) = PESO MIN CAMMIND DA VAS

SI COSTONISCE ALBERO CAPMINI MILIN CON RADICE 5

6'= (V', E') V' & V E' & E & e.c.

2) 6 ALDERO (OH RADES S
3) Yor & V' L'UNIO CHICHO (S.V) II 6' e' rIUNO

RILASS AMENTO

ALEA L'G = Abberbond chumo who P(L) Fr.9

J. T = W

DI) (6 w, s)

FOR VIN V WHILE Q × Ø 2 5.1 = 0 L.1 = Mr 2 2.1 = 0 W = EXTAGO - MIN (Q) V'= V'U hwt

> V = Ø
> Q = V (QUEUE) FOR V IN ADT ENT RELAX (W, J, W)

(IV) RELAX(x, z, w)
$$2 \cdot d > x \cdot d + w(x,z)$$
?
$$\Rightarrow 2 \cdot d = 0$$

$$Q = 2$$

