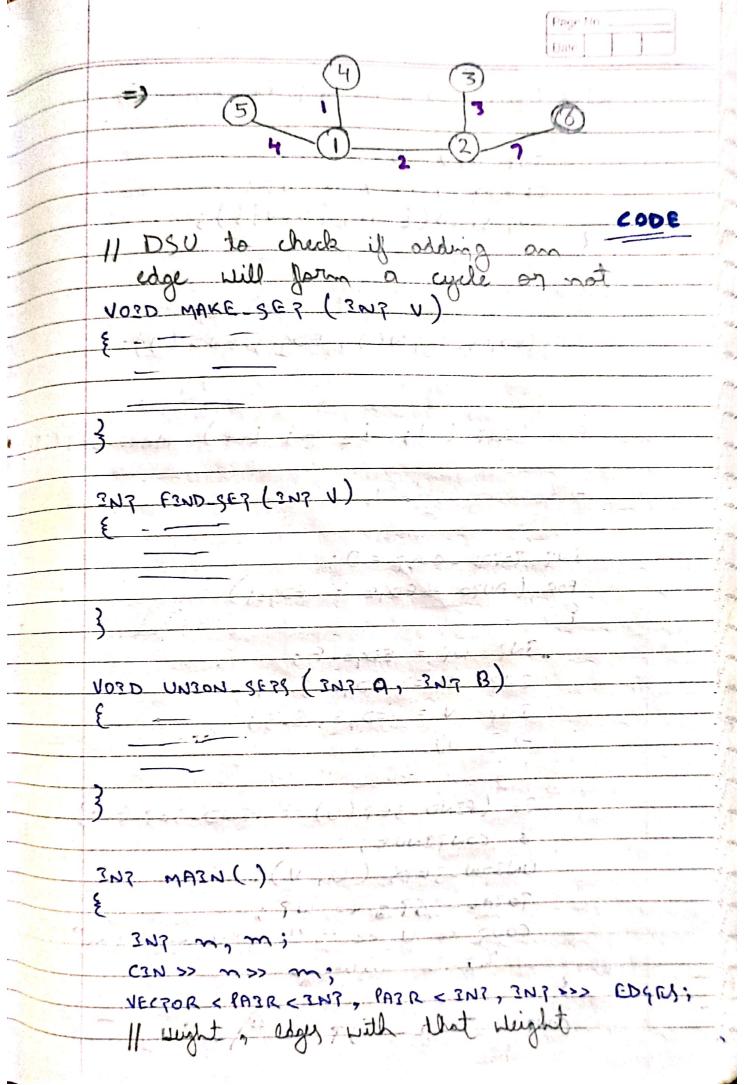
of G (every edge in the true town belongs to 9).
And to Cal
blengs 10 01)
and the state of t
-> What is a Minimum Spanning Pree?
The cost of the spanning all the
The cost of the spanning title is the sum of the weights of all the edges
the trice a lineary compared
Strange Day Mymen Starting
is the spanning bee home
is minimum among all the spanning
trees. There also done be minimen
Abannia alla truella ward sava lette
Spanninger truetarion soldiere
not be the first lotat will testing the
KRUSKAL'S APGO! THE STATE OF LAND
and all the increasing order
n sport all the edges in increasing order
Pil wood and the character of the charit
2) Pick the smallest edge. Check if it
pormed so pay. If the excle is
formed to pay. If the above the
not pormed, include this edge . Else,
discord it. (For this cycle theck, we
will be using DSU).
3) Repeat step 2 until there are (V-1) edger
in the spanning true.
- Jan 1 to the
o.g. Find Myz for this:
5
(3) 800
(5) (3) (6)



```
for (2N? i=0; icm; i++)
   303 U, V, U?;
   C3N >> U >> V >> W?;
   EDGGS. PB({ W7, {U, V}});
-> forted according to reighty
SOR? (EDGG, BEG3NC), EDGG, END());
-> Making all the modes in DSU
FOR (3N? i=1; i< m; i++) MAKE-SEZ(i);
-> Sum of Leighty in forming Minninum
Spanning ?The
 2N2 POPAL COSP = 0;
 FOR LAUTO & EDGE: EDGE)
    3017 HZ = EDGE-F;
     2N? U = EDGE.S.F;
     3N7 V = EDGE. S.S;
    -> 3g they have a common parent
    ( meany cycle is forming) continue
    3F (F3ND_3E7 (U) == F3ND_SE7 (U))
    & CONTINUE;
    UNZON-SE75 (U, V); ) 11111
    TO PAL - COS? $ += W?;
    COUZ << U << " 11 << V
    11 Just to vigualize
 COUP & TOTAL - COS ? EC " \ m
```

Vigualize

	Page tio
	REPURN D;
1 1 1 1	INFUP:
	5 4 9
	1 4 12 20 11 0 11 0 13 2 2
	4 3 5 5 4 4 2 6 6 6 6
	4-2 (3 m) (1) incall
	1 2 2 insperied the first (p.) 2 3
	2 6 7 :000 payment (149