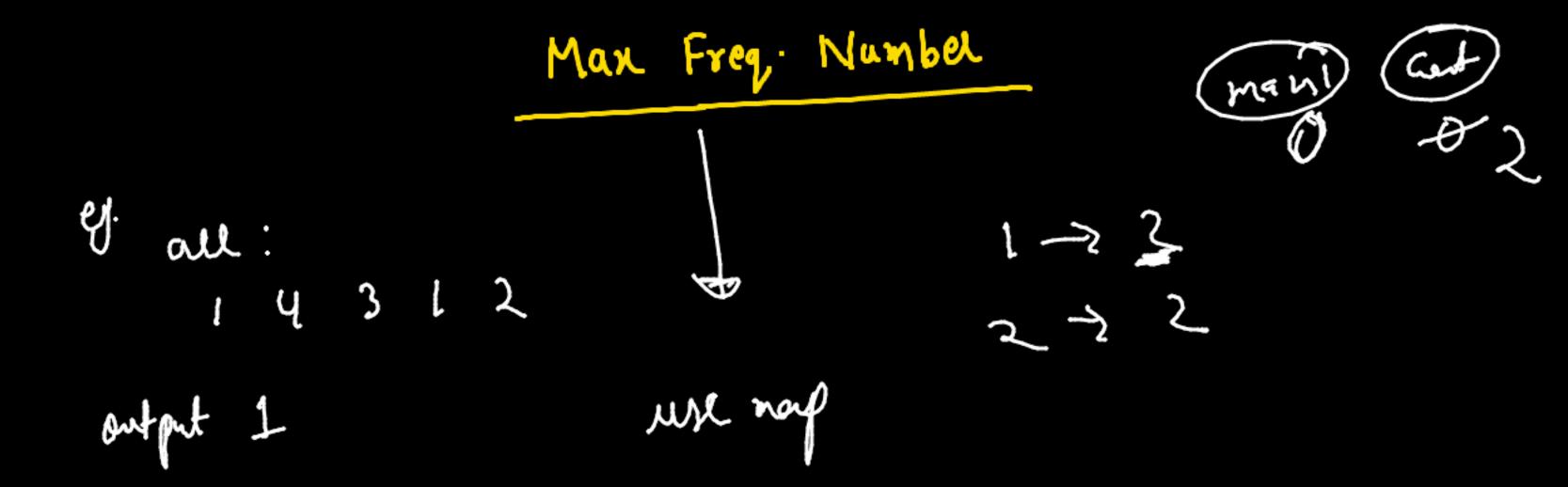
Hashmaps / Maps

- so Unique
- so counting

- (1) Pais sum 0
- (1) part intersection

string 5 = " hoghest oaurance Key -> Value int all[25] are [stoci]]++: 97 XX (x1) ary insect avr [reg] = value

unorderd_map <string, int> m; 0(1) map < string, mt> m1; inset ("ky) > BST (logn) . at (key) · court (Key) . size()



Print Intersections

272 671 1 -> 1 1 2 3 4 12 roid burter (intallilli, alles int n'm) (~ ~ m; for (n+ i=0; i<m;i++)} if (m[arr2Ci]] >0) contitable (i) m(aul2ti)] - - :

```
Pail Sum
                   int pailsum (int * arr, int h) {
2 1,-2, 3,2
                      unostered map <nt, int> m;
   2-> 2 (cont)
                       1nt count =0;
                       for (Intico; icn; itt) }
                          if (m.fint (-1* aucti)) ] = m.end())
                             cont t= m-fild (-1 * auci);
                           mourcij, tt;
```

Longest subourney zero sum

