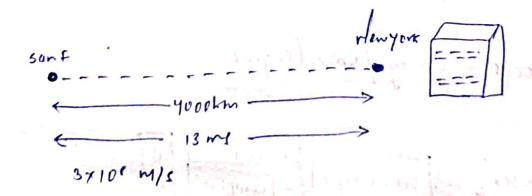


DIn multiplayer gome both the players should able to see the same screen.

Types of homes

- 1) strategic games :- clock of Clans, etc
- O slow turn gomes :- chess, comom --- etc.
- 3 first person games :- pubg, coo ... etc.

* suppose users wants to send the data ver 2



Herr, minimum time can be token to send wessage is 13ms

less than 13ms is not possible because light speed is 3×100 m/s.

- To send a merroge also, it should go through the ost layers which is on protocols. o wyer player & (1,1) 1) connects all player @ perponsible for all operations 1) Suppose one player Change its location then L.E update it send it to theo Server and sever upulate to all the players.

Hote: If the bondwidth is not strong then me can lose packets in Tep/P so upp is more efficient -> state synchronization. Object state - position - orientation - linear velocity - angular velocity.

```
code that how,
function handseloput (Input - input) {
    if (input == press_B)
         if (listumping - &d listoucking -)
             // jump ---
    else if (input = = press_Down)
         if ( lissiumping_)
             is Ducking = true;
set Graphics (Image - Duck);
             is Jumping = folse;
             set braphics (Image - Dive);
        else if (input == Releace - Down)
              if (is Ducking -)
                  11 stand ---
```

objects