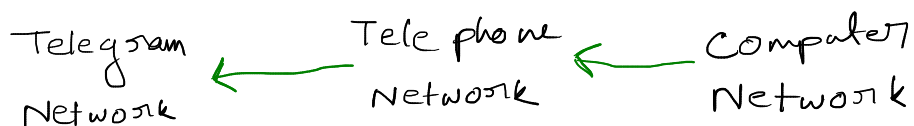


we know, Switching is the responsibility of Network-Layer, but Circuit-Switching is not done in <sup>n</sup> <sup>n</sup> b/c <sup>n</sup> is there before the layers are invented.

so in the past we used circuit-switching and after the layers are invented we moved to different type of switching.



For any problem in the computer Network, we try to find how our ancestors solve it with their network which is telephone network which is also inspired by Telegram Network. we invented classfull classifications of IP from Telephone-Network.

CA		Same way		Same way	
NID	HID	CB		CC	
8	24	NID	HID	NID	HID
		16	16	24	8
TN	Telephone	Town	TN	Village	TN
metrocities	5	4	4	5	3
3					
the number of metrocities but users in n are small		moderate		huge	
		moderate		low	

1800

try 1,000,000 \$ for selling to WU  
but they laughs at G&B

Graham  
Bell → Western Union

this tech  
is for  
kids

[Inventor of  
Telephone]

[Telegram company]

sells it  
to merchants  
↓  
merchants

Rich people  
used it to call friends  
& domestic maids  
b/c Telephone range  
is very low

After  
10 years

Telephone  
Tech improves  
and the range  
is also improves

Normal people started  
using it in office/work and  
the range is good

merchants → started a company

AT & T

WU

AT & T  
bought WU

currently  
on bank under AT&T