Ух-NB: 2 24/7/2024	Network	dy of differe						
-a) understand different types of network cable.								
different type of cables used in networking								
1) unshielded twisted Pair cable								
2) Shielded twisted Paix cable								
3) roasual cable 4) fibre optic cable.								
cable category	Maximum data	Advantages / disadvantages	Application/					
rategory	(i) terbrence	lvantages; cheaper in	10 Base - T ethernet					
UTP S	Strait ir	lasy to ritall as they rue a smaller	fast ethernet, gigabit ethernet					
category 52	1616ps ou							
	di	sadvantages:	fast ethounet,					
Maximum	Telymins)	More prone to	lyigabit ethernet					
	this was to		in entire					

Lama

13 meters

Requires

MIX

STP	category6,	10 Gbps	Advantages: 1) shielded 2) faster than UTP 3) Less susceptible to noise	I supported
SSTP	category 7	10 G16 p3	disadvantages:  1) Expensive  2) greater  installation  effort	ljigabit ethernet, 106 ethernet (100m)
cable tank	RG - 6000 RG - 59 RG - 11	Mbps  Law to  Law to  Low to	bandwidth  2) immune to  interference  Disadvantages  1) Limited  distance  2) cost  3) Size is bulky	speed of signal is 500m television network thigh speed internet connections
fibre optics cable	Single mod multi mode	Jay, wall	Advantages:	Maximum distance of fibre optics cable is avound

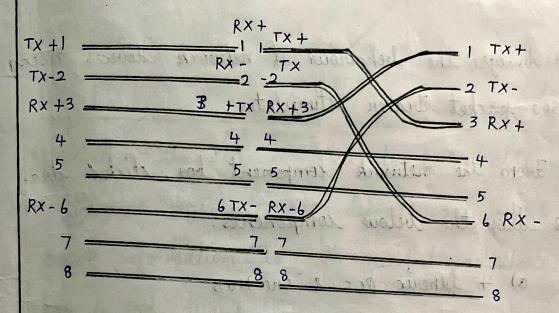
b) Make your own ethernet cross over cable:

Tools & part needed:

ethernet cabling, CAT 5e is certified for gigabit support, but CAT 5 eabling works as well just over.

Straight thru cable

X-over cable



## student observation:

1) was cable: connects diff types of devices (P( to switch, router)

straight cable: connects similar device (Pc to Pc, switch to 5)

2) cross cable si de de la sur sur

3) straight rable.

## Result:

Thus the program is executed and output is virified.