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course \Rightarrow MCA

section \Rightarrow DA sem \Rightarrow 2

university roll \Rightarrow 2001100

subject \Rightarrow computer networks

subject code \Rightarrow TMC-203

Q-1

SOL

Step1: Drag & drop 10 generic PCs

Step2: Drag & drop a switch device on the screen

Step3: Drag & drop copper straight through cable & connect PC0 to switch port using ethernet port

Step4: Drag & drop copper straight through cable & connect PC1 to switch

Step5: Drag & drop copper straight through cable & connect PC2 to switch port using ethernet port

Step6: Drag & drop copper straight through cable & connect PC3 to switch port using ethernet port

Step7: connect PC4, PC5, PC6, PC7, PC8 & PC9 using straight through

table to switch port using
ethernet port

steps now click on PC0. select the
desktop tab & select IP
configuration

step9 configure the IP configuration for
PC0 by selecting static
option.

step10 now assign a unique IP
address to PC0 i.e 192.168.1.1

step10 repeat the step 8 for PC1, PC2,
PC3, PC4, PC5, PC6, PC7, PC8, &
PC8.

step11 now test the connectivity
of PC0 & PCs by selecting
PC0 & selecting desktop tab

step11 select command prompt & type
"ping 192.168.1.6", which is
the IP address of PC5

step12 now all our PCs are connected
to each other on the network
if there is 0.1. packet loss



Logical

Back

[Root]

New Cluster

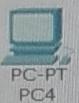
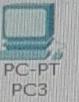
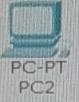
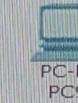
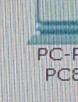
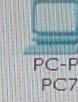
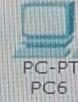
Move Object

Set Tiled Background

Viewport

Environment: 19:00:00

i

PC-PT
PC4PC-PT
PC3PC-PT
PC2PC-PT
PC1PC-PT
PC0PC-PT
PC9PC-PT
PC8PC-PT
PC7PC-PT
PC6PC-PT
PC5

Time: 00:30:11

Power Cycle Devices

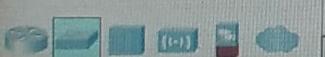
|

Fast Forward Time

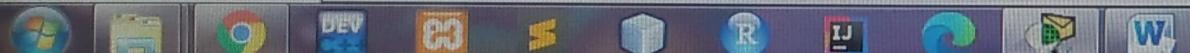
Realtime



2960 Generic Generic 3560 24PS IE 2000 Generic 2950-24 2950T



PC-PT



9:41 AM

5/23/2021



PC-PT
PC4



PC-PT
PC3



PC-PT
PC2



PC-PT
PC1



PC-PT
PC0



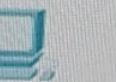
PC-PT
PC9



PC-PT
PC8



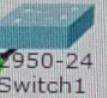
PC-PT
PC7



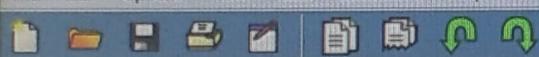
PC-PT
PC6



PC-PT
PC5



2950-24
Switch1



Logical

Back

[Root]

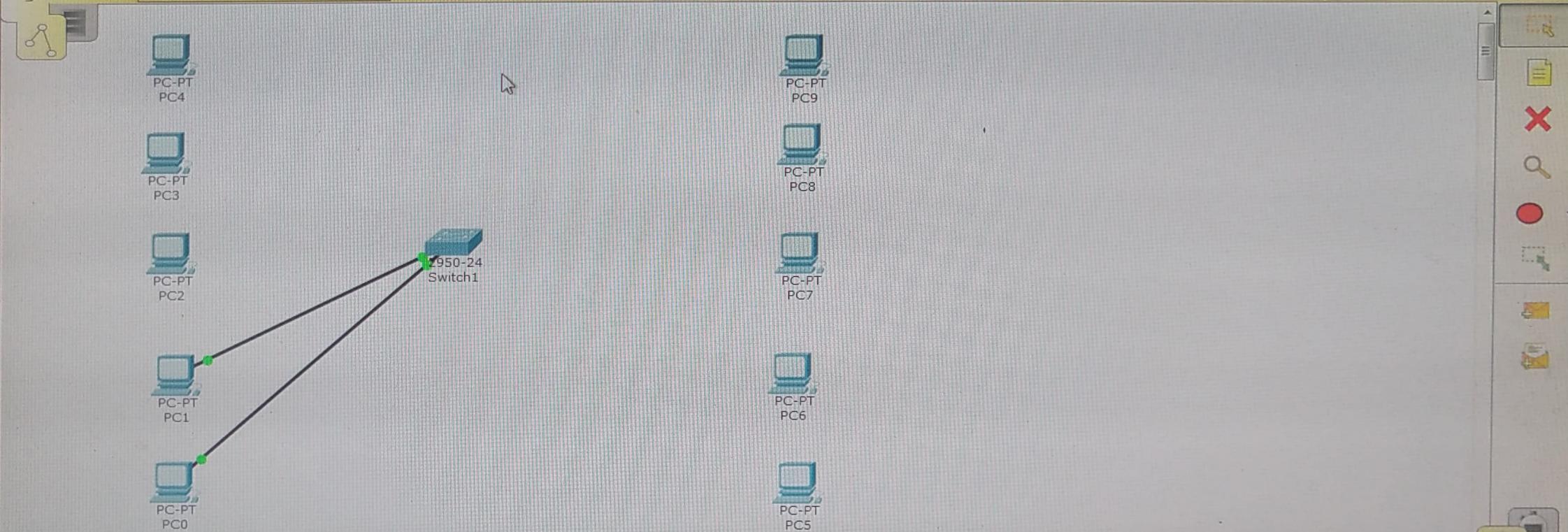
New Cluster

Move Object

Set Tiled Background

Viewport

Environment: 04:00:00



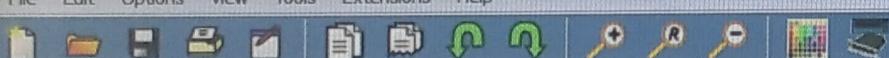
Time: 00:36:52

Power Cycle Devices

Fast Forward Time

Realtime





Logical

Back

[Root]

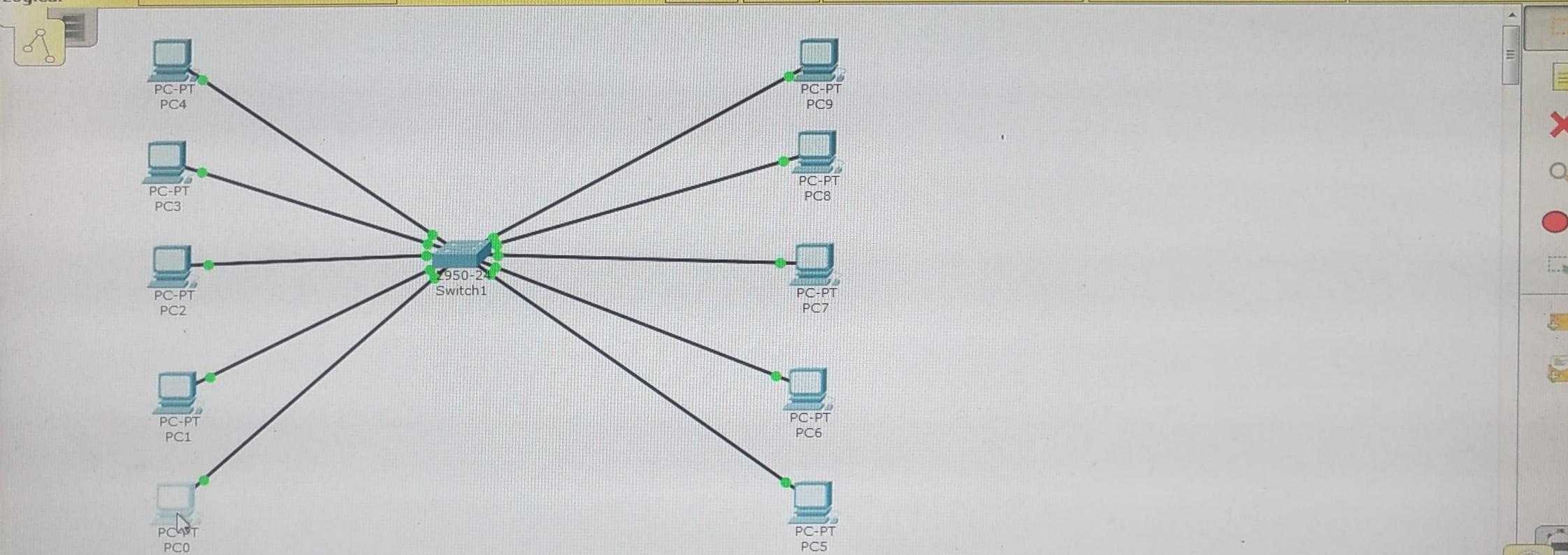
New Cluster

Move Object

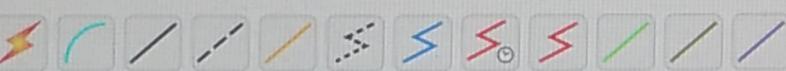
Set Tiled Background

Viewport

Environment: 17:30:00

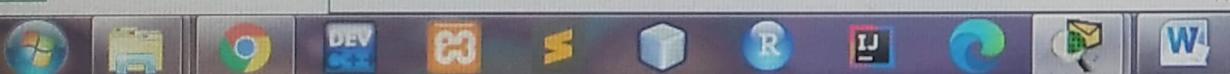


Time: 00:42:06



Realtime

Copper Straight-Through



9:53 AM

6/22/2021

