Domain: Ususally a Master-Slave architecture in organisations to keep track on all the user machines.
Workgroup: Stand alone machines. (Personal machines) (PC : personal Computers)

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rapid7 metasploitable-2 download --> google search keyword!!

NETBIOS Enumeration : if you are trying to enumerate a windows machine :

Syntax : nbtstat -A <target IP>

nbtstat -c (Cached data)

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enum4linux :

syntax: root@kali~# enum4linux <ip address of the target>

this is a specific tool in kali linux to enumerate another linux machine.

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enumeration using nmap scripting engine:

syntax: open a terminal and locate scripts

root@kali~# locate *.nse (you'll be seeing all the files with file extentions .nse)

if you want to see only a particular search result on the screen you can use

root@kali~# locate *.nse | grep <keyword>

use nmap scripting engine in the following way

root@kali~# nmap -p <port number> --script=<path of the script> <ip address of the target>

DNS Enumeration:

root@kali~# dnsenum <domain name>

HomeWork: Learn about Zones and zone transfer in DNS!!