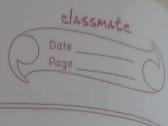
Ethical Hacking Module - 1 Page 2) Defference petween pardware and software Hardware Software Physical elements of a A collection of computer or electronic another that toll ematty2 the computer how to perform a talk - Has Loux main Mainly day and into categories supert devices system software and output desires, apple cotton software. soundary 5 to rage desire and antestral components In tongible - Tangible Developed by uniting Developed wing andtructions wing a electrons and other programming Imguages . 2/p & atom when domaged, 94 can be when danaged, 94 can be seplaced with a new sorm tolled with a buckup copys componento - Examble: Ken poard work Example of We crosed Many tox, Pronter, etc. Excel, photochop, etc



8-5 Degene to aggress rands and bostons

-> Provate adds of dange

Class Stoot Address Fix95h Address
A 10.000.0 10.285,255,255

B 172.16.0.0 172.37.265.265 C 192.168.0.0 192.168.255,265

-> Public address songe

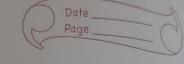
Class start Address Fings & Address

B 128-200 191, 255, 255 255

C 192.0.00 223.255.255.255 D 224.0:0.0 239.255.255.255

E 270.0.0.0 254.255.255

Page 0-3 Explain Network proposal and Post -> Metanoxx protocols are a set of rules outlang how connected deserted communicate ac soon a network to exchange undosmateon easily and lately. Explosoft seems of a common landrade for gord col - to exaple cowns my catson sampled to sentfol it was at the for an Analoss ? + A post number 73 a way to adontably towards no when of Userry set program of other network maddage of to be forwar ded where of control at a derivate All notcook - consorted downs come tat except for the standard year pools that have an assigned number there humbers are retained for content brojecon and there also crated dunction types text Transder Protoco (HTTP) messages, dor example, always go to post 80 :- one as the most commonly was posts.



And control network to the setment devices with an computer network devices are hardware compositions and control network to the the setween devices with a computer network devices with an a computer network

1) Surtch :-

Sustained Serve as noteners thing devices

that sunction at the data than 1940 to

of the OSE model The magn purpose

of suntained is to connect end devices

used an a noteners k and allow the

forwarding of data packets utilizing

their MR addresses.

27 Bondges =-

Barrer panding MAC addresses.

3) Routes -

Routers are also betweening devices that operate at the network layer (layer 3) of the odt model. The man duncted of the ranter is to connect me teauther and allow the forwarding of data parkeds based on their rappering to addresses.

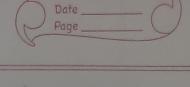
computer not to extend. Some aggres owner

- Edge Routed
- Access Routors
- Core Routers
- Brouters
- 260 Luca asis con

4) Repositor:

Repeated are sometimed also known as
"signal Boo Hor". The main function of the
repeater of to regareouse on memory sy had
from the sender bodoop retransmitting it
to the receipt. The layer at which it
experted to the physical layer at which it
experted to the physical layer at the

5> Gotte Way = Actorisms are intermediary do incol that which operate at the network layer of the Ost model and use selboulable for connecting notures to that are with de Hosept protocoll or uschette ctural. They do so by translating or converting data formula ox protocol be twopp of Herent he two Kills Sh Hubs = Hubs are intermediary deviced that whally operate at the physical layer (layer 1) of the Odt model that connect multiple devices on a local noticests. Hubs direction by boundarding data to all the desical that use commetted to at. A Modem -Moderns use the hotwook do Acel that whally operate at the physical layor (layer-2) of the off model These desires cas modulité es demodulité analog Signal anto orgatal egopole Rig-vorga.



There are dafferent types of moderns.

- Caple Modern

- Dial Modern

- 3 atellate modern

87 E 96 MAII :-

or rules.

A French & an gntermediaty device

that operated at rangoul layers of the

oft model depending on it type.

It can be either raid wine or software,

and it was purpose is to protect the

network from any manthorised acres

or malicious attacks by enforcing policial

These are various types of Agrendi

- Proxy sa recoult

- Etatodul graspedador barecoult

- United though management Greadle

- Next generalion #980 wall

- Thoseut - focused next generation despenals

