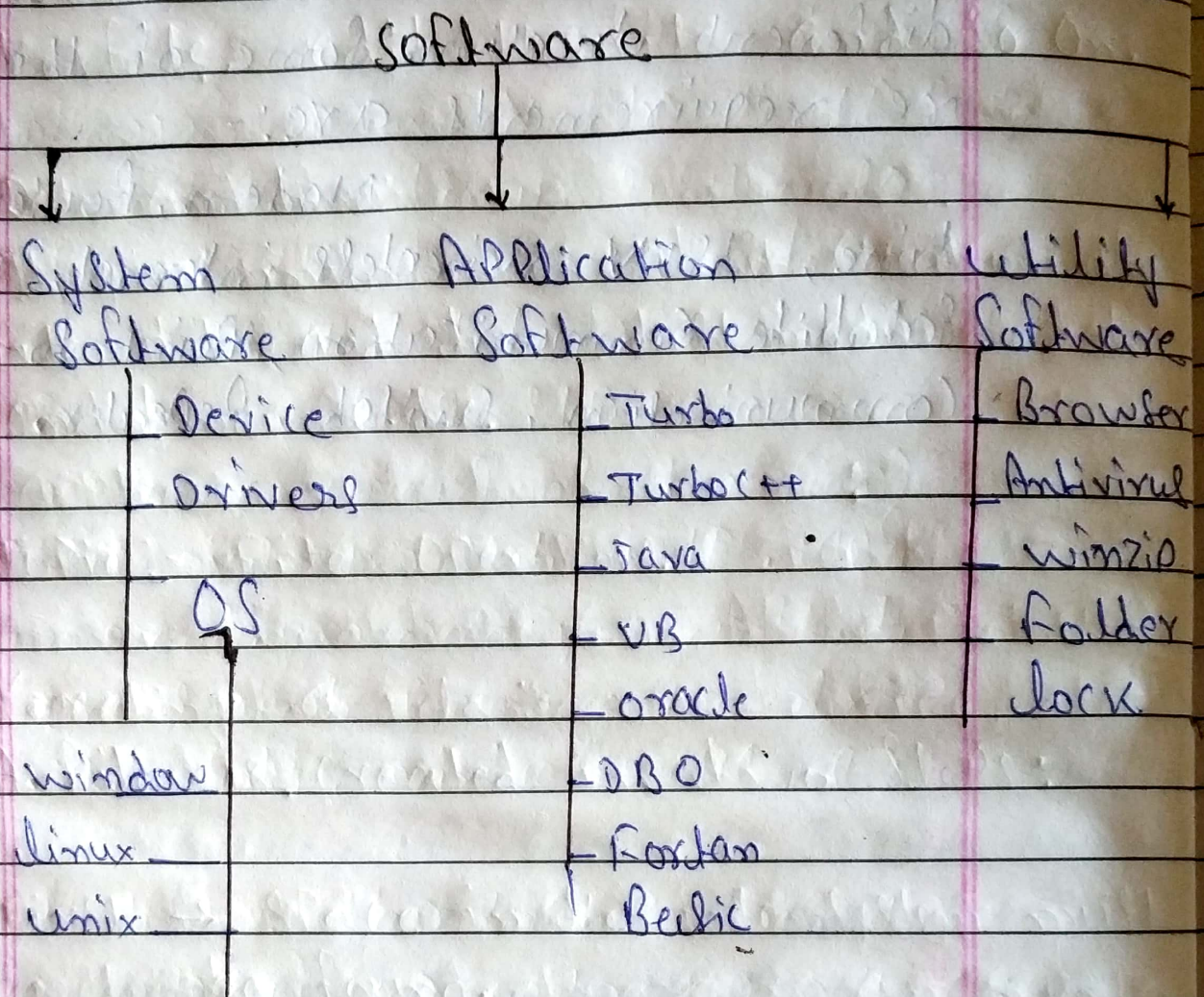


UNIT 2: Information System Software



Topic:- System Software.

⇒ The System Software means a group of Softwares which govern and control the overall functioning of Computer System. It includes operating system and device drivers / driver software. The driver software are provided by the vendor / manufacturer.

Topic:- File System.

⇒ File is a name of related information that is recorded on Secondary Storage.

Topic:- File Attributes.

Name:-

⇒ File name is the only information kept in a human readable form. It stores the name of the creator. If supply default name is stored.

Identifier:-

⇒ It is a unique tag which is mostly number. It is in non-human readable form.

Type:-

⇒ It supports different types of file format.

Location:-

⇒ It points the location of the file on Secondary Storage device.

Size:-

⇒ It gives information about current size of the file in KB/MB.

Protection:-

⇒ It determines who can open the file, read the file, write the file, edit the file and so on.

Date and time:-

⇒ It gives information about creation of file date and time, last modified date, end time etc.

Topic:- File Operations.

i) Creating a file:-

⇒ A file is created in two steps:

First → Space in the file system must be found.

Second → An entry for the new file must be made in the directory.

ii) Reading a file:-

⇒ To read a file, name of the file must be specified. The directory is searched for that entry. If found that the file is ready to read.