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Hardware	Software
<p>Hardware is a physical parts computer that cause processing of data</p>	<p>Software is a set of instruction that tells a computer exactly what to do</p>
<p>It is manufactured</p>	<p>It is developed and engineered.</p>
<p>Hardware cannot perform any task without software</p>	<p>Software cannot be executed without hardware</p>
<p>As hardware are physical electronic devices, we can see and touch hardware.</p>	<p>we can see and also use the software but can't actually touch them.</p>
<p>It has four main categories: input, output, storage and internal components.</p>	<p>It is mainly divided into system software, programming software, Application Software</p>
<p>Hardware is not effected by computer viruses</p>	<p>Software is affected by computer viruses.</p>
<p>It cannot be transferred from one place to another electrically through network</p>	<p>It can be transferred</p>
<p>Ex: keyboard, Mouse, Monitor etc.</p>	<p>Ex: MS Word, MySQL, etc.</p>

### 3. Outline software Application Domains

#### A) <sup>Application</sup> Software Domains

1. System Software
2. Application software
3. Engineering Software
4. Embedded Software
5. product line software
6. web Apps
7. AI software

#### System Software:-

A collection of programs written to service other programs

some system software (eg:- compiler)

#### Application Software:-

stand alone program that solve a specific business need.

eg:- APSRTC Booking

Engineering Software:- has been characterised by "number crunching" algorithms

eg:- system simulations.

#### Embedded Software:-

Softwares which reside inside a product or system and is used to implement and control features. Eg:- key pad control for refrigerator / washing machine

### product line software :-

It is designed to provide a specific capability for use by many different users.

Eg:- spreadsheets.

### web Applications:-

It is a network-centric software which can be accessed from any where

Eg:- Telegram, Whatsapp etc...

### AI software:-

makes use of non numerical algorithms to solve complex problems

Eg:- game playing, chess etc.....