Limethia.

of the Evolution of the Software Industry From Binary to High-level languages and Beyond The term software was introduced @ built by John in 1950's

machanical machine Program

- \* He made the different blu hardware & software
- · Initially the programs were written using 1 & 0 101010 - Binary language

why it is called Binary means it contains only 2 digits @ values.

- + wheather it is a number, text, image, Andio @ video any formate any content internally in the computer @ in a machine it will be stored @ processed in the folm of Binary language.
- \* Binary language was very tough to write It was used only in university & Scientists were
- \* And at that time they thought we can only write and nobody other people Cannot write so at that time the language called top-tool Assembly longrage.

SUM AX, 01
SET
JUMP

Assembled Software .it will convert the code into Binory form
10001 1001 10001

- is also though tough
- \* So in 1960/70's -> Cobo/ [common buriners
  oriented language]

  Barric -> Fortran [Formula Translation]

  Breginner's All-purpose Symbolic

DOS Jopusting System

- \* every year they were trying to easy the program and how the large number of engineers can use this was the main aim
- \* At this time The processol

   The comporter

   The solfware tooks

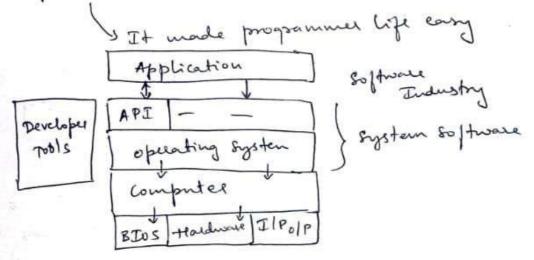
   operating system

[OS is the Middle man]

- written a lines of code longe up, of
- . By now operating system made use earny in abound " few lines of wale

(mumber of lines of code reduced)

\* operating system is doing all the work you.



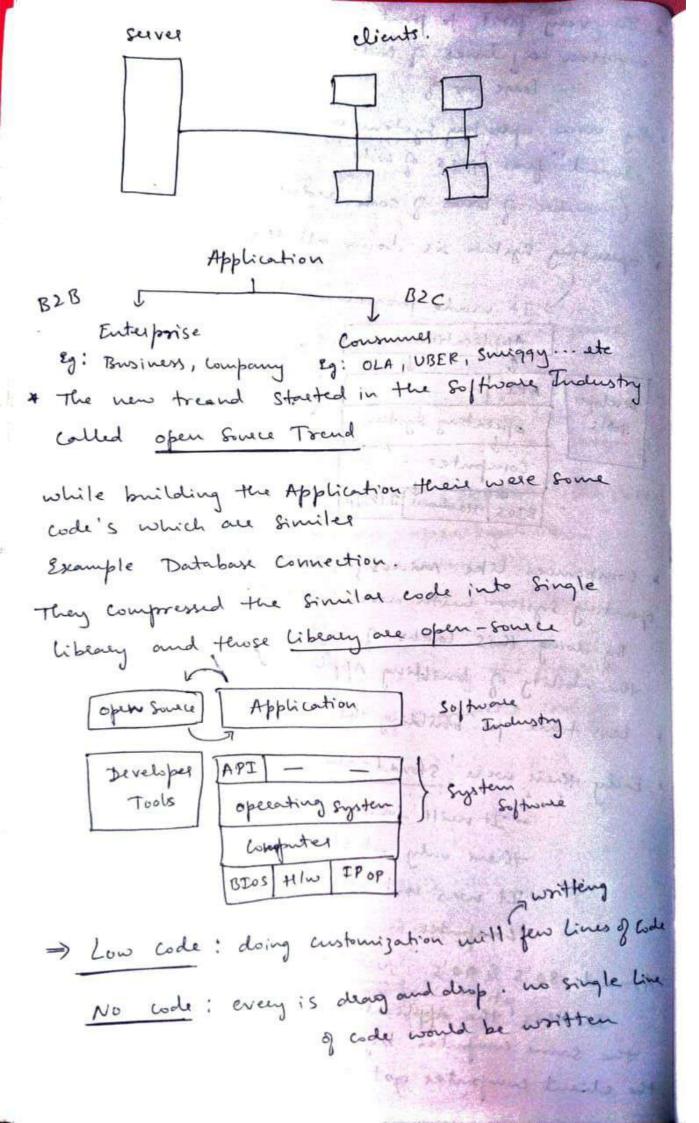
- \* Companies like Microsoft, IBM, Apple they built operating system with developer tools

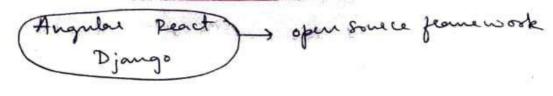
  By doing this lakks of software engineer got the ability of building Applications
- \* less time for building the Solutions.
- \* Early their were Stand-alone Application:
  - It will install in single computer and there only it should run
  - It was not able to talk to another

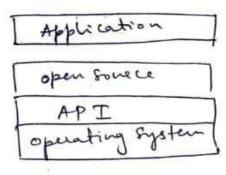
Computer

= Around 80's & 90's Network & Internet

In this the Application which was running in the Same computes by using petwork & Internet. the client computes got access to the Application (r) a software







Software Industry

Surices (B2B)

products (B2C)

\* they are service

provider. like they get

the dient and their

requirement they start

work or the project

and finally build the

end to end client

Satisfactory service.

for their Business

\* UPI Delivery Apps. Shoping Banking Travell

\* The software of the Application they build It is propriety it only belongs to the client.

4 Everything we are using daily life are

= mithout a software it is very difficult to run a business it may be in any sector of business like food, fashion, travell etc. In India first Super Computer who buy it ( where it came !.

=> 1980 -> Asian points - impolted the first computer.

Invested and build a Software

They will refund the Money back to saw material in less than 3-4 weeks.

It will having a specific idea that this shop of this district wants this much of paint and this color has to be delivered.

These things happen because they invested on Software very early and they have the huge data and by that date they can do all these things too your and too

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in the hoop when world 4DP 5-1. -> IT 10% 4DP

The total IT industry devinew way

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Top 10 Companies

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