

- Loop

Only one analyse

- Every time analyse.

- Program development interpreter.

- Dibuggir - Stepwisi
 - → Interactive. debugging

 → Break foints
- (2) Making software bortable.

Every computing invironment.

- Program -> spirial fratures provided by 05 or computer.

-> HLL

Virtual Machino concept

- Convenient

-VM: Abstrad computor -> dosind Set of fratures.

Joffware 5	Software	S
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Software S

Virtual machin loyer.

Computer Ci

Computer CR

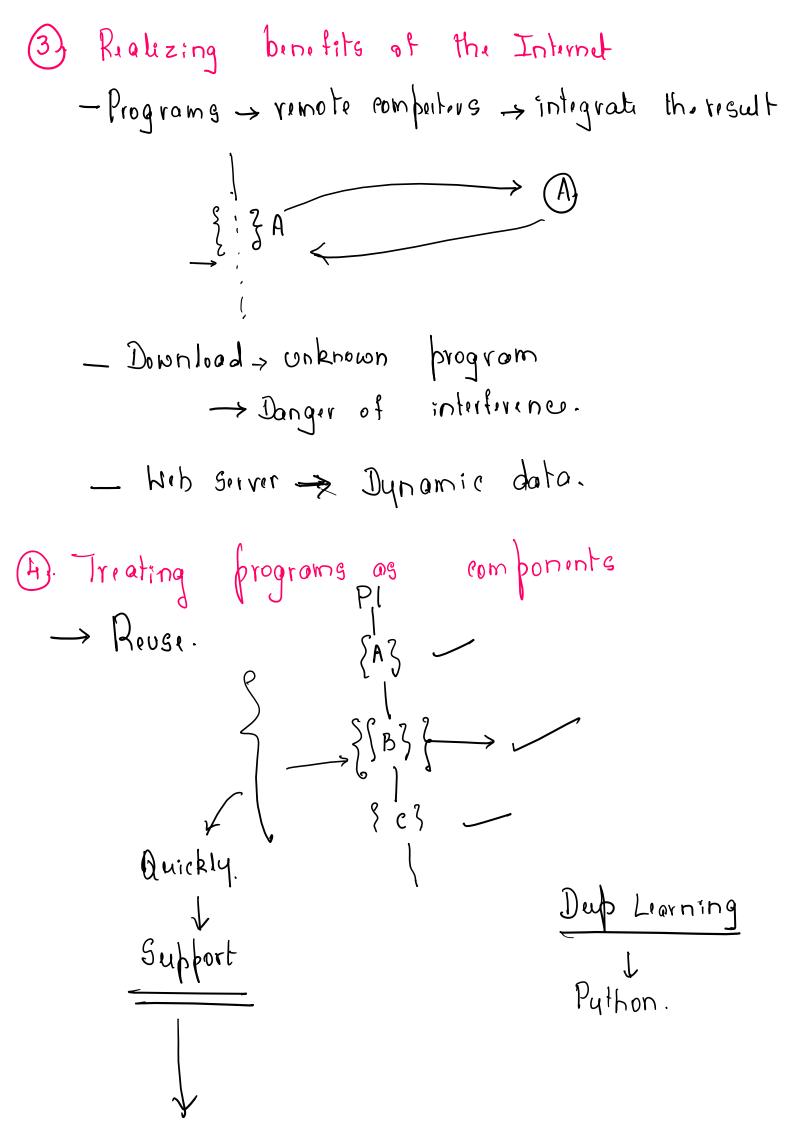
- Goffware byer as shown. & Portability using VM.

→ Pascal Programming: 1970s > systematic Programming

→ VM → Disignid.

→ Paseal compiler. → Codo → Paseal VM. JP- rode.

→ Jova þrogramming → JVM → Compild → Jova byte Code



Geribting languages. La Unix Shell script. Tosk: Counting - unique nomis in file alpha. cot alpha | sort | uniq | we -l. - PERL - PYTHON. - TCL TK - NB - Class file. (5), Embidded system invironment Modern Computers. -> Imp requirement > embedded system. Real-time requirement.

-> Application.
-> Cross-compilor.

Special compiler.

- Cross-platform Software development.

6. Ignanie spirification, fluxibility and Adaptive Software.

Views of System Software.

User untrie System untric view.