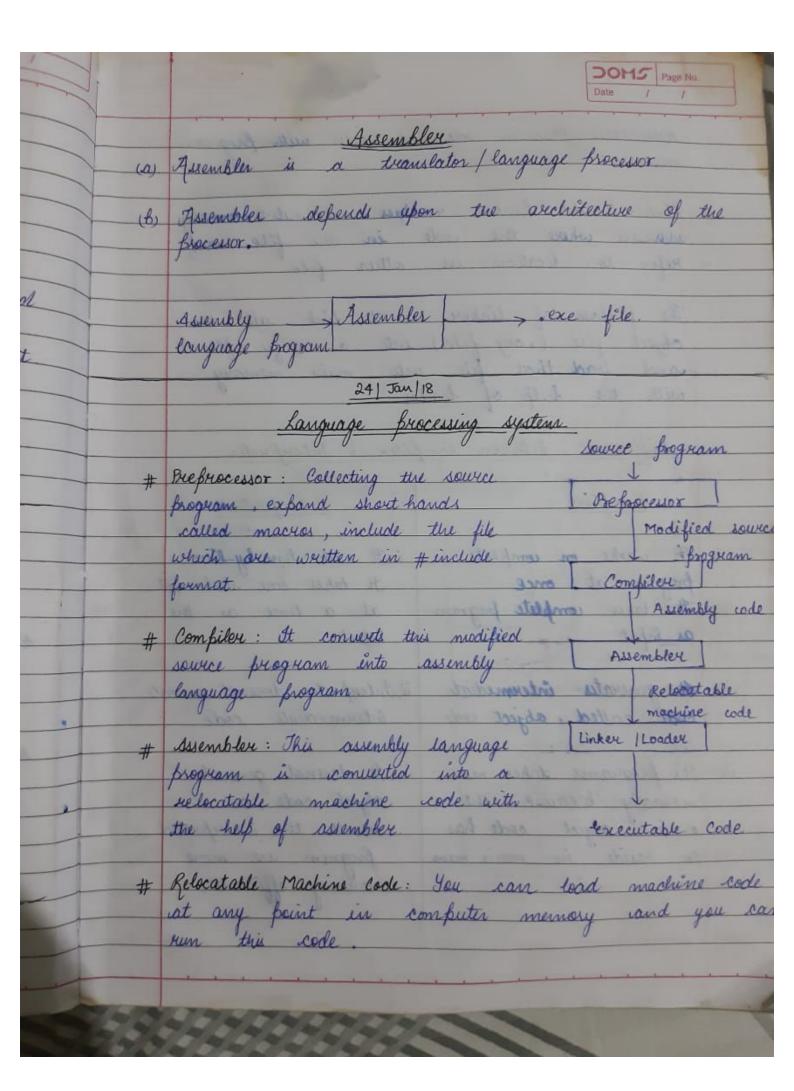


* In interpreter is another common bind of language processor, instead of producing a language processor, instead of producing a takent program and a translation, an interpreter executes the operation specified in the source program on infert supplied by the usore. by a compiler is much faster than an interpreter at mapping input to output An interpreter give better everor diagonosis

than a compiler because it executes the

source program statement by statement. Java language processor combined compilation 2 interfretation Tour source program first convert into an interemediate form called byte codes. b) The byle codes we then interpreted by virtual Source Translation program Compilers - Byte lode JUM >0/P 3/p



Relocatable machine loole cooperates with fragram movement # Linker /Loader: Linker resolues external memory refer to location in other file may The purpose of linker is to link all the object file (.obj file) into a single file and load that file into main momory with the help of loader. Difference between Compiler & Interpreter Compiler i It works on complete i. It works line-by-line program at once. It takes complete program It takes one statement at a time as the input. is st generates intermediale ii Interpreter doesnot generate rode called object code interemediate code iii It's programs takes more iii. It does not generate memory because the extire object code has object code, as a to reside in main mem. result the interpreted fregram are more mensory efficient.

