EJIT)->	JUST-IN-TIME	COMPILERS
JAYASCRIPT	+ MONITOR/	
ENGINE	PROFILER.	
	(frequency and t	ype)
	WARM	Hore
MTERPRETER	BASEZINE_	
Segment	COMPLLER	
becames WARM	Segm	ent J
running	a hot	when Creates a
feer tinge	2 1	uently faster version of the code
EXAMPE OF OPTIMIZATION	Compiled to Stubs.	Assumptions!
TYPE (Line number + Variable type)	
SPECIALIZATION	. ↓ U' ''	Deoptimization
	MULTIPLE FOR MANY TYPES	(Can be slower if happens too frequently

> GOOGLES OPEN SOURCE HIGH PERFORMANCE JAYASCRIPT AND WEBASSEMBLY ENGINE IGNITION TURBOFAN LIFTOFF BYTECODE GENERATOR OPTIMIZATION BASELINE COMPILER. FOR WEBASSEMBLY \bigcup FOR JAYASCRIPT FOR JAVASCRIPT → Reduces startup time by generating code his fast > interprets Javascript Source code and AND WEBASSEMBLY executes unoptimised version as possible LODE Streaming Alls DYNAMIC TIER-UP allow dompilation while downloading OPT IMIZATION EAGER TIER-UP DEOPTIMIZATION cannot tolerate suboptimal code for too long V WEBASSEMBLY does not regure TYPE FEEDBACK LIFTOFF Compilation finishes, EAGER TIER-UP: After threads to generate optimized engine starts background code for the module QUICK START + OPTIMIZED PERFORMANCE