			CIASSMAte Date:	
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*	Susta	m Bar	(cons) Automot Namber - 2	
- 1	eysu	m Orogramming and Apperating System	(3POS) - Wosignmera Mammer Z	
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	JAN.	TAM INDAMES OF THE PARTY OF THE		
*	Compare the compiler and interpreter. Yive the various data structures in			
	lompare the compiler and interpreter. Yive the various data structures in the design of PASS I and PASS I of a two pass Macros and of PASS I and PASS I and PASS I			
	www.	The state of the s		
->	Dr. No.	lompiler	Interpreter.	
	1	Compiler scans the whole mousem	Translater program on statement	
, 1	ak/ha	lompider scars the whole program in one go.	at a time.	
MAIN 3	7.	the error (ix any) are shown at	At A time errors are shown	
		the end Stogether.	lonsidering it scans code one line at a time, errors are shown line by line.	
A AL	3	Main adjuntage of compilers is it's	Au to interpretore being slow in	
	J.	execution time.	executing the object code it is	
			Du to interpreters being slow in executing the object code, it is preferred less.	
			A Charles I have been a second	
	4.	It converts the source code into object code.	It does not convert source code into object code instead it scans it line	
			By line.	

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	Sr.M.	lompiler	Interpreter		
	5.	It does not require source code for later execution.	It requires sources code for		
		1 88 3: White 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
		The compilers produce object code.	The interpreter do not produce object code.		
	7.	@ Example: - C, C++, C# etc.	Example: - Bythan, Ruby, Berl, SNOBBL, MATLAB, etc.		
20 1	THE MALE PARTY AND TO BE AS HE TORKS THE PARTY AND THE PAR				
. 31	Data Structure used in Pass 1 and 2 pass assembler 3 OPTAB (speade table)-				
A da	So the square said of is used to see mneumonic operation codes and converts them to their equivalent machine language. In PASS I the OPTAB checks the operation code in the program and validate it.				
	(2) GYM TAB()-				
	In PASS I all symbols used in the source program are added in PASS2				
ALAN A	It includes name and address for each label in source program. In PASS I all symbols used in the source program are added in Symbol table with corresponding address and length while in PASS2 are taken from symbol table and added into the Assembly instruction to generate targets program.				
	3 LITTAB (Literal table) - St includes name of the literals and their corresponding addresses from the source program.				
ASSES !	corr	esponding addresses from the source	program.		