

b H integer	
C# Float	
b) syntax Analysis: In this phase Code is checked syntacally and error its need to be solved	of compiler source
El semantic Analysk: In this phos meaning of source Code gets ch Compiler basically use for exc	eption hamiling
- If source coole is syntantically Correct then parse tree is gener	and Symantically
Correct then passe tree is gener	Te passe tree
0 = b * C - d	
(a)) Parse free
) 000
	dogametic
	dogrametic representation.
	dogametic
	dogrametic representation.
	dogrametic representation.
d) Intermediate Code generation In this phase of Compiler differ	dogrametic representation. of any express
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D C Intermediate Code generation In this phase of Compiler differ Intermediate Code gets generated Imples Oreadrepees Syntan da	dogrametic representation. of any express ent type of like positive to transition data
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DE Direction Code deneration In this phase of Compiler differ Intermediate Code gets Jenerales Imples Oread repeas Synlan da etc e) Code aptimisation:	dogrametic representation. of any express ent type of like positive to transition data
Josephone Code generation In this phase of Compiler diffeo Intermediate Code gets generated Imples Oread repease Syntax da etc etc etc fin there phase of Compiler	dogrametic representation. of any express ent type of like positive to transition data
d) Intermediate Code generation In this phase of Dompiler differ Intermediate Code gets Jenerated Imples Oread repeats Synlar da etc e) Code aptimisation: In there phase of Compliere Co so it is take less time form	dogrametic representation. of any express ent type of like positive to transition data
DE Code aptimisation: 1) Intermediate Code generation In this phase of Compiler diffeo Intermediate Code gets generated Toples Overdrepees syntax da etc e) Code aptimisation:	degrametic representation. of any express ent type of like positive to transition data degree optimize ecution and less ecution and less

Constant removal Induction Variable Dimination
f) Cado generation: This is lost phase of compiler likehere forget a code generated In phase Compiler
knhere target code gonerated In phase Compiler
partion memory allocation.
02) Type of Costing assining Values to Variable to
anc 50 00.
symbol table.
this table is lese to store different result.
of Lexical and syntax Analysis the structure
of symbol table is as follows.
id pame type Address Bytes
id parme type Address 89123 id1 a anteger 2000 Int=2
id2 b Integer 2002 Flood=4
id3 C décimal 2004
Froos handing!
This mechanism of Compiler Contains afterent
error List and Foror Landing routines.
+ bexian analysis phase can have essor token
does not forced
- syntan Analysis indentation not proper or
gemicelumn missing.
+ sementic Analysis indentation From Index
+ Intermediate code representation Code not
R .
+ Code generation Lesue related to register
int a, b;
C = 10;

Variab	le 'c' not declared	
O2) Doan +	ransition diagram for	o given regular
express.	The second secon	714.
a) assbet	abc	
	, , , , , , , , , , , , , , , , , , ,	
	(S) > (S) - V	(2)
(3)		
		Carl Carl
		2 2 (8)
b) 0101 \$ 18	A O 1 210 2 10 10	
	0	
(B) 0.	01.0001	600
		7 (35)
/		
	prop & foreing state	87 6
(9) parse of	Signed Opbte lasing	shift-reduce
porses	20 10 10 10 10 10 10 10 10 10 10 10 10 10	a equice
stact	Trailed at 1p	Action
	Q\$ b+ c \$	7,61,00
·a	* b+c\$	= shipt
R	A b + cs	Shiff
主张	b+ cs	Seuce
E#b	- Line tic & Miles	shift
卫兴丑	+ c \$	shift
王	1 - 12 - 1 - C & 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	reduce
巨十	\$	reduce
主+c	markan.	3 hift
里十 E	\$	Ship
E	\$	accept.

		(Maio)
021) check E => B -	to whether good	mmer is held or not
	Frost (B) = {	50,13
E	E→ E+B E→ E+B E→ B	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(G	· B > 0	8 -> 1
_^.	Here entit	es are repeated.
C>0	070	070 070
,		