

## Estd. Yr. 2000

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Page No. ....

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Experiment No. :

Introduction: Objective scope and outcome of the couse Aim | Objective The Objective of this course is to employe the fainciples of compiler. To introduce the major concept areas of language translation and compiler design > To enrich the knowledge in vorious phases of compiler and it use, code Optimization techniques, machine code generation and use of symbol To entend the knowledge of farser by forsing LL forser theory, compiler theory, error handler, YAA( Compiler design is a bosic element of frogramming language research many languages redeorchers ustite compilers for the language they

Language proceeding system Source Lode Preprocessor ampu (HLL)Ruse HLL

Limber Loader Assembler

arget Code Vollo10 (machine

High level language low level language

Page No. ....

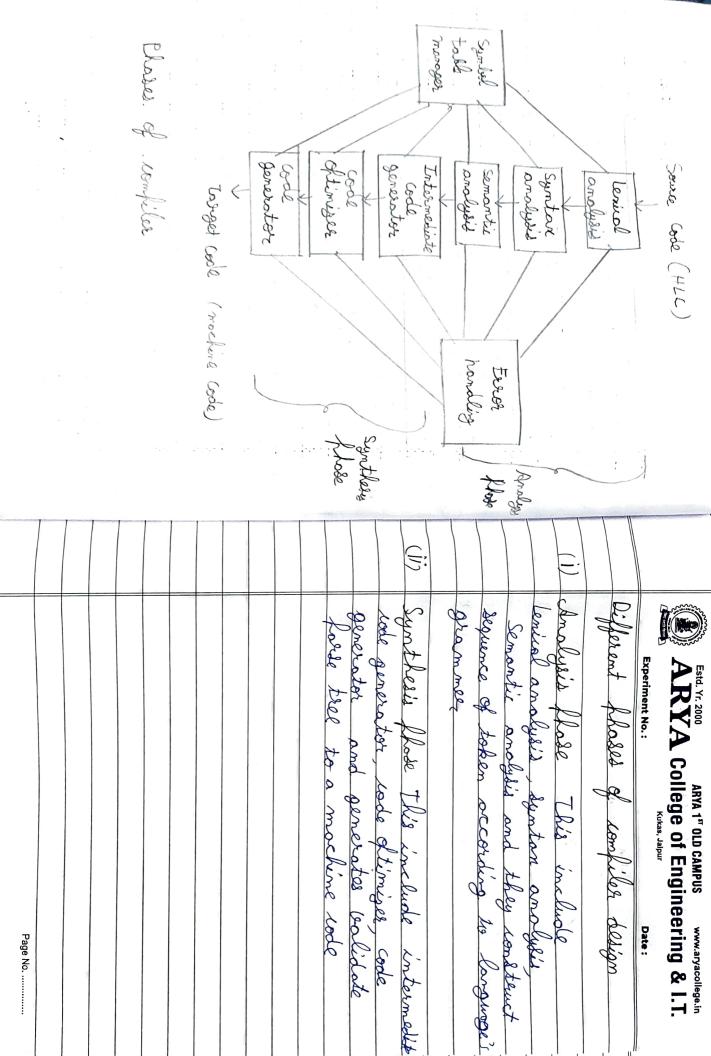


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(4)		
Assembler takes assembly language under froduces marking code of outfut limber / Londer takes collection of object and limb and look then in memory	Expressor It to be a source rade as infut and freaduces modified source rade as outfut comfiler To be a modified rade as infut and freaduces assembly rade	Language frecessing system The freezesting system The has exclusive of companies to generate as language frecessing system has fallowing combonents
bes assembly language subject some sometime code as outfut to takes explection of object be and load then in memory	source sode as infut source sode as outher	pate:  ( + + java et )  ( + + java et )  conso of component  achine code ore  accessing system  homents



OUTPUT2

Enter the data for the file: This is the class of comfiler design ofening file in read mode This is the class of compiler design opening file in write mode



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frint ("Frier	frint ("Error frint ("Error foets (Str. Sized frint (Fh); fclose (Fh);	Char Str.  Char Ch.;  Char Ch.;  Char Ch.;  Char Ch.;  Char Ch.;  Char Charles  Charles  Char Charles  Charles  Charles  Charles  Charles  Charles  Charles  Char Charles  Char	Experiment No.:  82 C fregram to gram for sead mode  ## include < stdio. h >  (soid main () {  [soid main ()
file in read mode \n'); \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	the data for file (n');  geof (str.) stdin);  ".s", str.)	TCV test tut"  E file in write "  S	to span file in write and  state, h >  coniosin >  coniosin >  coniosin >

Page No. .....



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Ex	no	rin	201	1				
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while ((ch = getr (fp)) 1=EOF) {

futchor (ch); fclose (ff);
getch (); }

write a chrogram to identify wether given string is beyword or

# include < Stdio. b>

# include < conio. b)

# include < string. h>

void main () }

OUT PUT3

00/

Enter a String: moin

Criven string main is beyond

int Experiment No.: ARYA 1" OLD CAMPUS www.aryacolloge.in
ARYA College of Engineering & I.T. Sta [100] (0 = 60) Date:

Serry ();

Page No. .....

Enter the input for the file

hi int loop moin

total no of seywood in file ore: 2

						;	,		;			:			
										Cons.			40		
1) 11 - 0 11 11 + 1 12 11 - 11 11 11 11 11 11 11 11 11 11 11 1	" lose & " " 20" " cho?" " const " " outo"	hor st. [200]:	char ch [100]	int count= 0:	FILE * PR:	3-1	# include < String. h>	# imelude < renie h>	# include < stdip.h>		0 2 2	a life from	Count total no of becure in a	Experiment No.: Date:	ARYA 1 <sup>57</sup> OLD CAMPUS www.aryacollege.in  ARYA College of Engineering & I.T.

test tot" "w")

Page No. ....



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Experiment No.:

Date:

frients ("Enter the don infut for the file \n"), frets (Str Sizeof (Str), Stdim);

blints (ff, ",", s", str); total no of keyword in