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	WEEK-8	<u>\</u>			
(<u>1</u> .)		grams to	re cognize	Keywoon	ds.
	% &				
	# include	<pre></pre>			
	%%				
	int (float)	than E points	- ("data typa	= : %1", yyte:	xt); 3
41 44 - 12 2	int)			
	¿ yylexc)) ; return (o); }		
		op() {			
	OUTPUT:				
	data type :	int			
2)	rex bed	rams to	recognize	string en	ding with oo.
	% & Him I who s	A-12 1 0/ 0			
	% %	stdio.h> % 3			
, 4 F	[a-2 A-2 0	-9++00 & p.	rintf(" String	is accepted	", yy text) ?
	* Epsin	-f("not ac	copted", yyte	kt); }	
	int main!				

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yylex ();	
return	(0); }	
int y	Insuab() & }	
OUTPUT:		
praharsh	uthaoo	
String	is acapted	
3) Program	to recognize the string	s which are starting
or endin	g with "k'	
% &	V	
# include	e cstdio.hs	
% 3		
begin-	with—k k.*	
	oith-k.th	
90%		
& begin	-with-k} } printf("1	os is a word that
begin i	with ky, yytext); } onthis & printf (" yos is	
& end - uc	ith-k} {printf(" yos is	a word that end mix
K", yyt	ext); 3 % %	4 619
Int main	() { yylex(); setum	$\langle \alpha \rangle$.
3		
int yyw	rap()	
٤ }		ALL THE RESERVE AND A SERVER AN

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	QUTPUT:		
	k compile	is a word that begin wi	th k.
4	7° {	to avsign line numbe	eus for Source cod.
		stdio.h >	
	tine * \n %% E line ?	& printf (") od . %s", lin	eno++, yytext); 2%%
	2 (argc >	13)
	FILE * file file = Fope il (10:4)	(" July 11 (11) 1 (12) ;	
4.	if (!fib) { printf exit(o);		, arg v[i]);
	yyin=file,		

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yylex(); printf() return 0; int yyu return OUTPUT: I abcd 2 efgh 3 ijkl Program ib 5th % & thinclude < %%	"Intn"); 3 0810p() 0;3 To re position in	cognize the			
		pointf ("r			
% % int main(•				
& yylex					
int yyu	oonp()				

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	OUTPUT;	
	OUTPUT: 00010000	
	accepted.	
	write law expediention to replace es	pace with \$
	write lex specification to replace so	
	# include < stdio.h, %3.	
	% %	
-	[] { printf("\$");} . \n { printf("\$");}	
	· 1/n & printf("%s", yytext); 3	
	% 7.	
	int main () {	
7	yylex ();	
	beturn 0; }	
	int quorap ()	
	E O	
	OUTPUT:	
	abc def	
	abc\$def	
1		

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(F) courte lex specification to identify number divide by 9 % { # include < stdio h> % { # include < stdio h> % { % 70 ^ [4-9][0-9]* [0,9] \$ & if (atoi (yytext) %9==0)point ("%s in divisible by 9"), { & & & & & & & & & & & & & & & & & &			NAME OF THE LABORA	ATORY:	<u> </u>
## include < thick > % } ## include < thick > % } % % % % % % % % % % % % ^6 % % ^6 % % ^6 % % ^6 % % ^6 % % ^6 % % ^6 % % Continue by 9 \n *, yytext); \$ Continue by 9 \n *, yytext); \$ Eprintf ("o is divisible by 9"); \$ \$ % % int yywrap() & seturn 1; 3 int man() & yylex(); seturn 0; } OUTPUT: 999 999 is divisible by 9 Continue condition identify identifies and function of identifies. % & ## include < thick include < thi		Name:		HT No.:	Page No.:
## include < thick > % } ## include < thick > % } % % % % % % % % % % % % ^6 % % ^6 % % ^6 % % ^6 % % ^6 % % ^6 % % ^6 % % Continue by 9 \n *, yytext); \$ Continue by 9 \n *, yytext); \$ Eprintf ("o is divisible by 9"); \$ \$ % % int yywrap() & seturn 1; 3 int man() & yylex(); seturn 0; } OUTPUT: 999 999 is divisible by 9 Continue condition identify identifies and function of identifies. % & ## include < thick include < thi	(]	(Don'te le	x specification	to identify	number divide by 9
% 3 % 70 ^[1-9][0-9]* [0,9] \$ & if (atoi (yytext) %9==0)point ("%s is divisible by 9 \n", yytext); } O & & printf ("o is divisible by 9"); } % % int yywrap() & seturn 1; 3 int main() & yytex(); seturn 0; } Output: 999 999 is divisible by 9 White lex specification identify identifier and function—al identifier. % & # include < xidio . h > % }					•
% 3 % 70 ^[1-9][0-9]* [0,9] \$ & if (atoi (yytext) %9==0)point ("%s is divisible by 9 \n", yytext); } O & & printf ("o is divisible by 9"); } % % int yywrap() & seturn 1; 3 int main() & yytex(); seturn 0; } Output: 999 999 is divisible by 9 White lex specification identify identifier and function—al identifier. % & # include < xidio . h > % }		# include z	stdio.h>		
"[1-9][0-9]*[0,9] \$ & if (atoi (yytext) %9 = = 0) points (v%s it divisible by 9 \n n, yytext); \{ \times & \{\text{prints} (vo is divisible by 9 v); \{\}} \times & \{\text{prints} (vo is divisible by 9 v); \{\}} \times & \text{int yywrap() \{\} \text{ seturn 1; \{\}} \text{int main() \{\} \text{yylex(); seturn 0; \{\}} \text{OUTPUT: 999 999 is divisible by 9 \text{Waite lex specification identify identifier and function} -al identifier. \times \{\} \text{# include and only include and function}					
divisible by 9 \n", yytext); \(\) \[Sprintf ("0 is divisible by 9"); \(\) \					
divisible by 9 \n", yytext); \(\) \[Sprintf ("0 is divisible by 9"); \(\) \		1-9][0-	9]*[0,9]\$ %	f (atoi (gytex	1) %9 = = 0) Print (4%5 id
Eprint ("o is divisible by 9"); 3 % (% int yywrap() & seturn 1; 3 int man() & yylex(); seturn 0; 3 OUTPUT: 999 999 is divisible by 9 white lex specification identify identifier and function—al identifier. % & # include < xtdio . h > % &					
int yywrap() & seturn 1; 3 int main() & yylex(); seturn 0; } OUTPUT: 999 999 is divisible by 9 Write lex specification identify identifier and function—al identifier. % & # include addio.h > % }	*		Epoint (listrib si ov	ole by 9"); 3
int moun() & yylex(); seturn 0; } OUTPUT: 999 999 is divisible by 9 Write lex specification identify identifier and function -al identifier. % & # include < xtdio . h > % }		% %			V
int moun() & yylex(); seturn 0; } OUTPUT: 999 999 is divisible by 9 Write lex specification identify identifier and function -al identifier. % & # include < xtdio . h > % }		int yywrap	() { seturn	1;3	
OUTPUT: 999 999 is divisible by 9 Write lex specification identify identifier and function -al identifier. % & # include 28/dio . h > % }					3
999 is divisible by 9 Write lex specification identify identifier and function -al identifier. % & # include 2016/10. h > % }		- 0	W		
999 is divisible by 9 Write lex specification identify identifier and function al identifier. % & # include 21/10 . h > % }					
write lex specification identify identifier and function -al identifier. % & #1 include 25tdio . h > % }	12	The second	roildo lu a		
-al identifier. % & # include 2016io. h > % }	-	-19(1 15 GEO	istible by 9		
-al identifier. % & # include 2016io. h > % }		Worite lex	specification	identi Lu	identifies and 1 +
% & # include artdio. h>% }	1	al identif	ાંભ .	DQ.	lacing the control danction
				6 2	
1 1/911)0-97		DIGIT [
LETTER [a-2A-2]	1.00				
FD ELETTER 3 ELETTER 3 1 EDIGIT 3)7		ID I	ELETTER & SII	TTF0210~	0150
FUNC-ID & PD ?) ([1]) 7 + 13		FUNC-ID	1)18028	11)7413	G(75)7



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%%		
& FUNC-ID 3 & Doint + (4 for	national Idu	ntifier: %1/n", yytext);
2ID3 & prinef ("Id		
	brodie . 70	1 100 (1)
% %	1 . 0	
int yyusaap () & seturn		
int main () & yylex ();	set urn	053
OUTPUT:		
xy2012		
Identifier: 242012		
weite lex specification	o identil.	11 10000001
% §	(32)	A comment.
# include cetdro. h> %}		
%90		
u/*(.)*/n & print-f("sin	96-line com	enontifor in a mutalia
u/*u/[/*]/*	U	100 1/02 11) 1/19 (SE)
u/*u([^*]/*+[^*+/])*	1 + 4 + 11/11/11/11/11/11/11/11/11/11/11/11/11/	printf ("Multi-Line coment:
		, 446×
int yyudapers not non 1	15 8	
Int main () &		
gy lox();		
seturn o,		
2		
5		

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OUTPUT		
// nyz/		
Single -	line commont://	
D' Worite	lex specification to identify	real number.
% { # inc	clude 2stdio.h > % 3	
DIGIT [[0-9]	
EXPONENT	[eF][f-]? {DIGIT3+	
164) L -NOM	BER &DIGIT3+ (1.2019 173+) ?	(EEXPONENT 3))
EREAL-N	COMBERS Epoint F (real rumbs	er %llon ut
int yyung	ap() { seturn 1; } in() { fylex() seturn 0;	rain, alla xt);3
int mai	n() { yylex() seturn o;	3.
OUTPUT:		
0.123		
Real num	ber: 0.123	