	ROII NO 17:	3rd Assignment Pikita D Bhosain
		Aim: To design Data Structure for macroprocess
		Euris of solvens town supplies in single
		Problem Stat: - Design suitable data structure and
-		implement pass I of a two Pass Macroprocessor
1	7 PANO	using oop feature in Java
11,000	31	CONTROL OF THE PARTY AND THE SELECTION OF STREET
-		Theory:
-	0	matiroph 10
The same	0	:Macroprocessor:
-		- It is a Program that reads a file and scans
-		them for certain key words
		- when a keyword is found it is replaced by some
~~		Hext 3819
		- The keyword / text combination is called MACRO
	2	Casic Assis a
æ	0	Basic teasks performed by Macroprocesses
	*	- Recognize MACRO definition
	20209	- save the defination  - Recognize coul
	BH I SAV	- exeanded national constitution
		- expanded equis and substitute arguments.
*	3	MACRO defination Part:
-		THE PARTY WAS DEAD AND A STATE OF THE PARTY AND A STATE OF THE PARTY AND ASSESSMENT OF
		of macro and types of comment :- declares the name
		of macro and types of parameters the name
7		
		2) Model statement: - statement for which assembly
		language statement is generated during macro
		expansion. Justiced during macro
		function during marro execusive
		function during macro expansion auxillary
		at anyon,

	GURUKUL Propo No.
(9)	MACRO CALL and expansion:
	- appearance of a macro name in the memory field
	loads to mairo call
	- Macro call replaces such statement by sequence of
	start at comprising the macro This known as.
	Macro expansion.
	TO TOURS AND THE STATE OF THE S
6	Implementation Logic :-
	1) Defination Processing :
	- scan all macro defination and for each macro
	defination into MACRO name in the MACRO NAME TABLE
	- Store entire defination in the MALRO defination tuble.
	and add info.into MNT.
	The State of the S
	2) MACRO Expansion:
	- examine all statement in assembly source frog
	to detect the macro calls
	- for each macro call locate the macro in MNT
	settive Mote establish the correspondance between
	formal and actual parameters and expand macro
3	and the second of the second delication fracewing
(6)	Dato structure required for macro defination processing
	PATERAR I LIC CHAIT)
-	O Macrowame table (MNT)
	@ parameter Name table (PNT)
	3 Keyword paramet & default table position
	& macro defination table
-	
	1189 To Daron and the Control of the

-	'Algorithm!
11111111	The state of the s
	begin
10.0	GETLINE
4	DDVC & COLLETINE
	PROCESSLINE POD S 11112
	end ¿ while 3.  end ¿ macro processor 3
	Procedure expensions
	Procedure PROCESSLINE DE DESIGNATION DE LA PROCESSLINE DE LA PROCESSURIA DEL PROCESSURIA DE LA PROCESSURIA DEL PROCESSURIA DE LA PROCESSUR
000	Search NAHTAR for OPCODE
	EVPHNID
9 dok	else if opcode = "MACRO" then
	DEFINE THAT WAS MIT LAND BANK
	else write source line to expanded file
	end & PROCESSLINE 3
644	1 9 TOTAL BISHON THE PROPERTY OF THE DESIGNATION OF THE PARTY OF THE P
	Procedure EXPAND.
	begin in a separation of the s
100 m	EXPANDING := TRUE
111111111111111111111111111111111111111	get first line of macro defination & Prototype
	DEL (UR.
PONTE	set up orguments from macro innovative
	File as a comment
	white not all of macro deciste
	GETLINE
	PROCESSLENE
	end {while }
	EXPANDIND := PALSE
	end { Expand }
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