

Legend		
	Symbol	Alias
NON-TERMINALS	<token_array>	A
	<body>	B
	<content>	C
	<command_pipeline>	D
	<next_command>	E
	<command>	F
	<command_id>	G
	<resources>	H
	<resources1>	I
	<argument>	J
	<input_redirect>	K
	<output_redirect>	L
	<pipelined_command>	M
	<modifiers>	N
	<comment_line>	O
	<end>	P
TERMINALS	PIPE	a
	ID	b
	IN_REDIRECT	c
	OUT_REDIRECT	d
	COMMENT	e
	EOF_TOKEN	f
	BACKGROUND_EXEC	g

Grammar Rules
$A \rightarrow B O P$
$B \rightarrow C N \mid \epsilon$
$C \rightarrow D$
$D \rightarrow F E$
$E \rightarrow a M E \mid \epsilon$
$F \rightarrow G H$
$G \rightarrow b$
$H \rightarrow J H \mid K I \mid L H \mid \epsilon$
$I \rightarrow J I \mid L I \mid \epsilon$
$J \rightarrow b$
$K \rightarrow c b$
$L \rightarrow d b$
$M \rightarrow G I$
$N \rightarrow g \mid \epsilon$
$O \rightarrow e \mid \epsilon$
$P \rightarrow f$

	Predictive Parsing Table						
	a	b	c	d	e	f	g
A		$A \rightarrow B O P$			$A \rightarrow B O P$	$A \rightarrow B O P$	
B		$B \rightarrow C N$			$B \rightarrow \epsilon$	$B \rightarrow \epsilon$	
C		$C \rightarrow D$					
D		$D \rightarrow F E$					
E	$E \rightarrow a M E$				$E \rightarrow \epsilon$	$E \rightarrow \epsilon$	$E \rightarrow \epsilon$
F		$F \rightarrow G H$					
G		$G \rightarrow b$					
H	$H \rightarrow \epsilon$	$H \rightarrow J H$	$H \rightarrow K I$	$H \rightarrow L H$	$H \rightarrow \epsilon$	$H \rightarrow \epsilon$	$H \rightarrow \epsilon$
I	$I \rightarrow \epsilon$	$I \rightarrow J I$		$I \rightarrow L I$	$I \rightarrow \epsilon$	$I \rightarrow \epsilon$	$I \rightarrow \epsilon$
J		$J \rightarrow b$					
K			$K \rightarrow c b$				
L				$L \rightarrow d b$			
M		$M \rightarrow G I$					
N					$N \rightarrow \epsilon$	$N \rightarrow \epsilon$	$N \rightarrow g$
O					$O \rightarrow e$	$O \rightarrow \epsilon$	
P						$P \rightarrow f$	