Mini Project 1
Scanner

I. **Inputs :**

TINY language snippet code (multiple lines of code written in TINY language syntax)

II. **Output:**

List of (tokenvalue, tokentype) in a file

Example:

x , Identifier

:=, assign

4,number

III. **List of Tokens:**

TokenType	Value/Example
SEMICOLON	;
IF	if
THEN	then
END	end
REPEAT	repeat
UNTIL	until
IDENTIFIER	x abc xyz
ASSIGN	:=
READ	read
WRITE	write
LESSTHAN	<
EQUAL	=

PLUS	+
MINUS	-
MULT	*
DIV	/
OPENBRACKET	(
CLOSEDBRACKET	)
NUMBER	12 289

IV. Deliverables

1- Executable
2- Snap shots of your program
3- Code files.

V. Team:

Groups of up to 6 students can work in this project together

VI. Other Notes:

1- The program can be written in any language that can run on windows as an exe without the need of installing any third party tools
2- Due date : Saturday 23 November