Date:

Aim: Whate a C++ program to implement the concept at Iscal variable & Global variable.

	Date:
Aim:	write a C++ program to implement the
	Concept at local variable & Global variable
Theory:	In C++, local variables are variables that are
	declared inside a function, black on method
	They are also known as automatic variables becox
	their lifetime is automatically managed by the
	System.
	local variables can be also declared with the
	static keyword, which extends their lifetime
	to the entire duration of the program but keeps
	their scope local to the function.
Code :	#include < iostream >
	2 () formple function () {
_	int local Var = 103
	Std: Cout << "Local variable inside the function
	2 is: -<< loralVar << endl;
0	3
	int main () {
	example function ();
	// local var is not accessible here as it is local
	1/ to the examplefunition.
	return 0;
	J
~	

output:	Local variable inside the function: 10
	Global variables in (++ are the variables that are declared outside of all functions, typically at the top of a program. These variables can be accessed from any part of the program, including from within functions, classes & blocks. Global variables are a useful tool in some cases, but they should be used corefully to avoid issues with maintainbility, readability & debugging.
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Code:	#include < iostraym> using namespace std:
	7
	int and allow to the state of t
	int globalVare = 5; // Global variable
LECT TYPE	ARISE & SHINE
10 m	void ModifyGlobalVar ()?
	globalvar = 10 : // modified global variable
	cout << "Global variable inside function
	modifyGlobalVaz (): "<< globalVaz <<
	_
	endl s
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Conclusion: This practical helped highlighting the importance	
of variable scope management in commiling	
the data flow: & maintaining program structure	
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	int main () {
	cout << "Global variable in the main before
	mudification: " << globalyar << endl;
NATIONAL SERVICE SERVI	Modify Global var (); I call the function to
May Michigan Brain (Sept. May Sept.	modify the global variable.
	coul « "Global variable in the main after
	modification: " < endl3
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* despite the second second second second second	
Output:	Global variable in the main before modification: 5
	Global variable inside tunction ModifyGlobalVariable (): 10
	Global variable in main after modification
	: 10
Conclusion	This practical helped highlighting the impartance
	at variable scope management in controlling
	the data flow and maintaining program
	Structure.
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