C Language
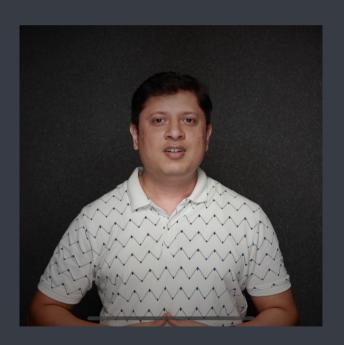
Storage Classes

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Agenda

1. What is storage classes?
2. Types of storage classes?
3. Default value
4. Memory
5. scope
6. Life

Storage Classes

Classification of characteristics of variables on the basis of variable properties like default value, memory, scope and life is called Storage classes.

Types of Storage classes

① Automatic Storage Class

② Register Storage Class

③ Static Storage Class

④ External Storage Class

	Keyword	default value	Memory	Scope	Life
Automatic	auto	Garbage	RAM	Within the block of declaration	Till the execution of block
Register	register	Garbage	CPU Register	Within the block of declaration	Till the execution of block
Static	static	0	RAM	Within the block of declaration	Till the end of the program
External	extern	0	RAM	Global	Till the end of the Program

CPU
Registers → | MU |
               | CU |
               | ALU |