

a.10 More C Programming Interview Questions

What is the difference between = and ==?

= assigns a value, == compares two values.

What is an array?

An array is a collection of similar data types stored in contiguous memory.

What is a function in C?

A function is a block of code that performs a specific task.

What is the use of break statement?

It terminates the loop or switch immediately.

What is the use of continue statement?

It skips the current iteration and continues with the next one.

What is a NULL pointer?

A pointer that does not point to any valid memory location.

What is the difference between ++i and i++?

++i increments before use, i++ increments after use.

What is a compiler?

A compiler converts C source code into machine code.

What is the purpose of sizeof() operator?

It returns the size of a variable or data type in bytes.

What is a string in C?

A string is an array of characters ending with '\0'.

storage classes

Storage classes tell where a variable is stored and how long it lives.

Types of Storage Classes

auto

Default for local variables

Works only inside a block

register

Stored in CPU register

Faster execution

static

Value is not lost

Exists till program ends

`extern`

Used to access global variable from another file