

# Special Operators in C

The special operators of interest such as comma operator, sizeof operator, pointer operator (& and \*) and member selection operators (. and ->).

## The Comma Operator

the comma operator can be used to link the related expression together. a comma-linked list of expressions are evaluated left to right and the value of right-most expression is the value of the combined expression

### Example

```
value = (x=10, y=10, x+y);
```

## The sizeof Operator

The sizeof is a compile time operator and, when used with an operand, it returns the number of bytes the operand occupies. the operand may be a variable, a constant or a data type qualifier.

### Example

```
a = sizeof(sum);
```