

Keyword	Usage	Special_condition(example)	Description
bool	Data type	0 or 1	Logical interpreter
break	Loop	break;	Breaks out of a loop or a switch block
case	Condition	case value : argument; break;	Marks a block of code in switch statements
char	Data type		A data type that can store a single character
const	Variable	const int varname	Defines a variable or parameter as a constant (unchangeable)
continue	Loop	continue == 5;	Continues to the next iteration of a loop
default	Condition	??? case value : argument; default :	Specifies the default block of code in a switch statement
do	Loop	do {} while {}	Used together with while to create a do/while loop
double	Data type	i.e 1.1, 1.1e6, 1E6;	A data type that is usually 64 bits long which can store fractional numbers
else	Condition	else (condition) {}	Used in conditional statements
entry			???
enum	structure		Declares an enumerated type
extern			???
float	Data type	in case of const it ends with "f" or "F", i.e 1.1f;	A data type that is usually 32 bits long which can store fractional numbers
for	Condition	for (start, stop, iter) {}	Creates a for loop
goto			Jumps to a line of code specified by a label
if	Condition	if (condition) {}, x = (x>10) ? 1 : 0	Makes a conditional statement
int	Data type	(int) char_ - it change data type to int	A data type that is usually 32 bits long which can store whole numbers
long	Data type		Ensures that an integer is at least 32 bits long (use long long to ensure 64 bits)
long double	Data type	in case of const it ends with "l" or "L", i.e 1e6L;	???
long long	Data type		???
register	Memory control		To store variable in processor register instead of the memory, because the variable is expected to be heavily used. Compilers should be doing processor registrations automatically and better than humans
return	function		Used to return a value from a function
short	Data type		Reduces the size of an integer to 16 bits
signed	Data type		Specifies that an int or char can represent both positive and negative values (for int this is the default so the keyword is not usually necessary)
sizeof	Query	sizeof(int)	An operator that returns the amount of memory occupied by a variable or data type
static	Variable		Specifies that a variable in a function keeps its value after the function ends
struct	Structure	struct miery {int vyska; float vaha} student1, student2	Defines a structure
switch	Condition		Selects one of many code blocks to be executed
typedef	Query		Defines a custom data type
union	Structure		To store any data in one bigger memory block
unsigned	Data type		Specifies that an int or char should only represent positive values which allows for storing numbers up to twice as large
void			Indicates a function that does not return a value or specifies a pointer to a data with an unspecified type
volatile			???
while	Loop	while (1) {}	Creates a while loop