

Such pairs are commonly used to hold the number or address of a storage box. They act like a pointer to the box.

## INSTRUCTIONS

The Z80 microprocessor performs very simple instructions. Many of these may be needed to obey just a single BASIC command.

An instruction is made up of:

- a FUNCTION  
the action to perform
- OPERANDS  
which boxes or registers to perform the action on

YOUR program is encoded and held in RAM itself and is effectively data acted upon by a compiler or interpreter and the Z80 chip.

## Program COUNTER REGISTER

The program counter register (or PC) points to the next instruction to be executed.

When the PC is changed, it is usually made to point to the following instruction. But some instructions change the PC quite drastically