Computer memory

Memory organization :

Computer memory stores information such as data and program for immediate use in the computer.

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| 0000101 |
| 1010101 |
| 1010011 |
| 1010101 |
| 0011010 |
| 1010010 |
| 0010011 |
| 1100110 |

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0

1

2 address one

3 byte

4

5

* Address are binary numbers.
* Address written in decimal for convience.
* The memory is organized in the form of a cell . each cell is able to be identified with a unique number called address.
* To access the instruction CPU generates the memory request.
* Each cell is able to recognize control signals such as read and write generated by CPU when it wants to read and write.