International Journal of Scientific Research and Management (IJSRM)
||Volume||11||Issue||12||Pages||998-998||2023||
Website: https://ijsrm.net ISSN (e): 2321-3418
DOI: 10.18535/ijsrm/v11i12.ec06

Working Model of a computer

Nripesh Trivedi,

Department of Mathematical Sciences, Indian Institute of Technology, (BHU), Varanasi

Abstract
This paper presents a simple but complete working model of a computer. It relies on the information that the computer works by 0 and 1[1].

Working model of a computer

This paper adopts the method of **s**ense [2] to show a working model of a computer that one can visualize just by reading the text. The sense [2] of this working model is 0 and 1 and the hardware that is used to build the computer. When I say hardware, I mean gates, memory, logic circuits and input and output devices [3]. All the hardware works by 0 and 1 [1]. The sense [2] behind this working model is how 0 and 1 can work with the hardware as mentioned above to make a working model of a computer. The working model is listed in five points below.

1. Input from keyboard is received in form of 0 and 1. The various keys in the keyboard are A. B. C and further are designated as 0 and 1. For example A is represented as 65, B as 66. This is communicated to the memory as 0 and 1 by simple logic circuit. [4]

2. This 0 and 1 is stored in the memory as magnetic regions.[5]

3. This 0 and 1 could be represented as A, B, C and further as per the reasoning given in 1, this A, B and C could be stored in the memory.

4. The memory as given in 3 (A, B, C in form of 0 and 1) would serve as the input to the processing unit and through the logic circuit we could generate results as in [4].

5. This result is sent to the output and memory. For output to the user, the result from the processing unit is processed by the output devices such as monitor and printer and displayed to the user.

References

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